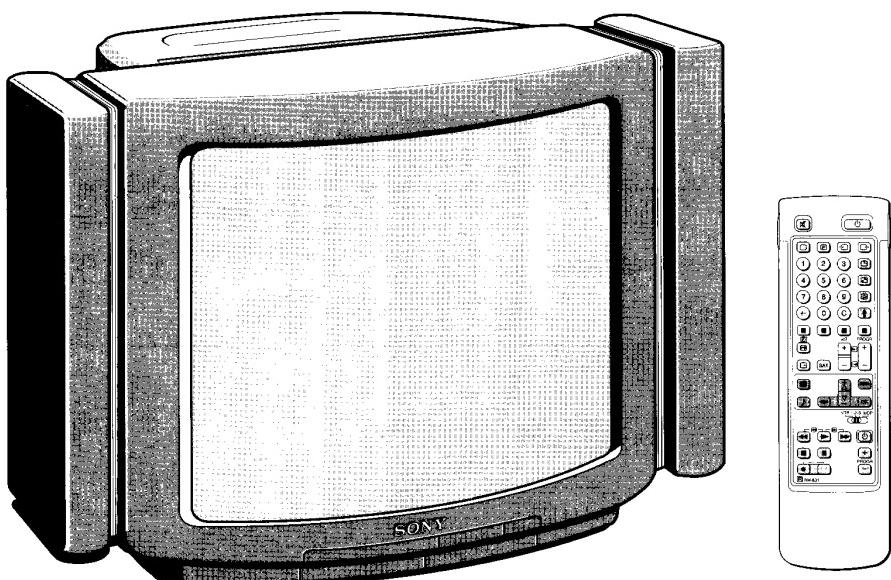


# SERVICE MANUAL

# AE-2F CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-E2561A	RM-831	Italian	SCC-G76D-A	KV-E2563E	RM-831	Spanish	SCC-G78D-A
KV-E2563B	RM-831	French	SCC-G75G-A	KV-E2561K	RM-831	OIRT	SCC-G95C-A
KV-E2561D	RM-831	AEP	SCC-G72F-A				



MICROFILM

TRINITRON® COLOUR TV  
**SONY**®

## Specifications

27 53

5

50

ITEM MODEL	Television system	Stereo system	Channel coverage	Color system
Italian	B/G/H,D/K	GERMAN Stereo	ITALIA VHF:A-H2 (C) UHF:21-69 PAL B/G/H VHF:E2-E12 UHF:E21-E69 CABLE TV (1):S1-S41 CABLE TV (2):S01-S05, M1-M10,U1-U10 D/K VHF:R01-R12 UHF:R21-R69	PAL,SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
French	B/G/H,D/K L, I	GERMAN Stereo	L VHF:F02-F10 UHF:F21-F69 CABLE:B-Q B/G/H VHF:E2-E12 UHF:E21-E69 CABLE TV (1):S1-S41 CABLE TV (2):S01-S05, M1-M10,U1-U10 ITALIA VHF:A-H2 (C) UHF:21-69 D/K VHF:R01-R12 UHF:R21-R69	PAL,SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
AEP	B/G/H,D/K	GERMAN Stereo	PAL B/G/H VHF:E2-E12 UHF:E21-E69 CABLE TV (1):S1-S41 CABLE TV (2):S01-S05, M1-M10,U1-U10 ITALIA VHF:A-H2 (C) UHF:21-69 D/K VHF:R01-R12 UHF:R21-R69	PAL,SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
Spanish	B/G/H,D/K	GERMAN/NICAM Stereo	PAL B/G VHF:E2-E12 UHF:E21-E69 CABLE TV (1):S1-S41 CABLE TV (2):S01-S05, M1-M10,U1-U10 ITALIA VHF:A-H2 (C) UHF:21-69 D/K VHF:R01-R12 UHF:R21-R69	PAL,SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
OIRT	B/G/H, D/K	GERMAN Stereo	B/G/H VHF:E2-E12 UHF:E21-E69 CABLE TV (1):S1-S41 D/K VHF:R1-R12 UHF:R21-R60	PAL, SECAM NTSC 4.43, NTSC 3.58 (VIDEO IN)

MODEL	Italian	French	AEP	Spanish	OIRT
Power consumption	140 W	143 Wh	155 W	155 W	155 W

Picture tube  
Super Trinitron  
Approx. 72 cm (29 inches)  
(Approx. 68 cm picture measured  
diagonally)  
110° -deflection

- [FRONT]
  - ⌚ 3 Video input-phono jack
  - ⌚ Audio input-phono jacks
  - ⌚ 3 S video input 4-pin DIN
  - ⌚ Headphone jack: Stereo minijack

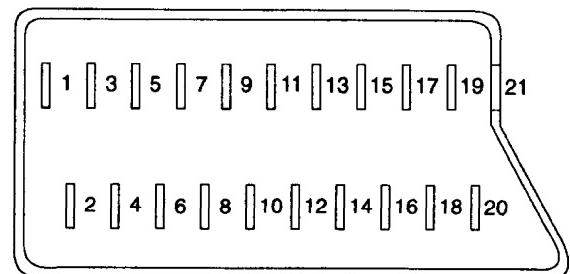
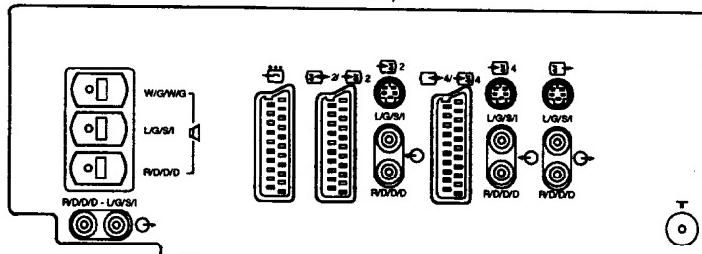
- [REAR] - 1 21-pin Euro connector (CENELEC standard)
- Inputs for audio and video signals
  - inputs for RGB
  - outputs of TV video and audio signals
- G 2/-G 2 21-pin Euro connector
  - inputs for audio and video signals
  - inputs for S video
  - outputs for audio and video signals (selectable)
- G 4/-G 4 21-pin Euro connector
  - inputs for audio and video signals
  - inputs for S video
  - outputs for audio and video signals (monitor out)
- G 2, G 4 S video inputs
  - 4 pin DIN
- G Audio inputs (L, R) -phono jacks
- G S video output - 4 pin DIN
- G Audio outputs - phono jacks
- G Audio outputs (variable) - phono jack
- External speaker terminals: 2 pin
- Woofer terminal : 2-pin

Sound output	2x15W Side Speakers (RMS) 25W Woofer (RMS)
Dimensions incl.speakers	2x35W Side Speaker (Music) Approx. 802x624x525 mm
Weight	Approx. 55.0 kg
Supplied accessories	RM-831 Remote Commander (1) RM-860 Roller Commander (1) IEC designation R6 batteries (2)
Other features	NICAM, FASTEXT Programmable commander NICAM/GERMAN FASTTEXT
[RM-831]	
Remote control system	infrared control
Power requirements	3V dc 2 batteries IEC designation R6 (size AA)
Dimensions	Approx. 65x222x21 mm (w/h/d)
Weight	Approx. 157g (Not including Batteries)

Design and specifications are subject to change without notice.

Model name Item	KV-E2961A	KV-E2961B	KV-E2961D	KV-E2963E	KV-E2961K
Pal Comb	ON	ON	ON	ON	ON
PiP	ON	ON	ON	ON	ON
RGB Priority	ON	ON	OFF	OFF	OFF
Woofer Box	ON	ON	ON	ON	ON
Scart 1	ON	ON	ON	ON	ON
Scart 2	ON	ON	ON	ON	ON
Front in (3)	ON	ON	ON	ON	ON
Scart 4	ON	ON	ON	ON	ON
Dyn. Convergence	OFF	OFF	OFF	OFF	OFF
Projector	OFF	OFF	OFF	OFF	OFF
AKB in 16:9 mode	ON	ON	ON	ON	ON
Norm B/G	ON	ON	ON	ON	OFF
Norm I	OFF	ON	OFF	OFF	ON
Norm D/K	ON	ON	ON	ON	OFF
Norm AUS	OFF	OFF	OFF	OFF	OFF
Norm L	OFF	ON	OFF	OFF	OFF
Norm SAT	OFF	OFF	OFF	OFF	OFF
Norm M	OFF	OFF	OFF	OFF	OFF
Language Preset	Italiano	Francais	Deutsch	None	English

21 pin connector (-G1 G2 / G4)



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level: 0.5Vrms Output impedance:less than 1kohm*
2	○	○	Audio input B (right)	Standard level:0.5Vrms Input impedance:More than 10kohms*
3	○	○	Audio output A (left)	Standard level:0.5Vrms Output impedance:less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level:0.5Vrms Input impedance:More than 10kohms*
7	○	●	Blue input	0.7V±3dB, 75ohms, positive
8	○	○	Function select (AV control)	High state (9.5—12V):Part mode Low state (0—2V):TV mode Input impedance:More than 10kohms Input capacitance:Less than 2nF
9	○	○	Ground (green)	
10	○	○	Open	
11	○	●	Green	Green signal:0.7V±3dB, 75ohms, positive
12	○	○	Open	
13	○	○	Ground(red)	
14	○	○	Ground (blanking)	
15	○	—	Red input	0.7V±3dB, 75ohms, positive
	—	○	(S signal) croma input	0.3V±3dB, 75ohms, positive
16	○	●	Blanking input (Ys signal)	High state (1—3V) Low state (0—0.4V) Input impedance:75ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V±3dB, 75ohms, positive Sync:0.3V(-3, +10dB)
20	○	—	Video input	1V±3dB, 75ohms, positive Sync:0.3V(-3, +10dB)
	—	○	Video Input/Y (S signal)	1V±3dB, 75ohms, positive Sync:0.3V(-3, +10dB)
21	○	○	Common ground (plug, shield)	

○ connected

● unconnected (open)

\* At 20 Hz—20kHz

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**CAUTION**

**SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.**

**WARNING !!**

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

**SAFETY-RELATED COMPONENT WARNING!!**

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND, IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

**ATTENTION**

**APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.**

**ATTENTION !!**

**AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHASSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISE LORS DE TOUT DEPANNAGE. LE CHASSIS DE CE RECEPTEUR EST DIRECTEMENT RACCORDE A L'ALIMENTATION SECTEUR.**

**ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!**

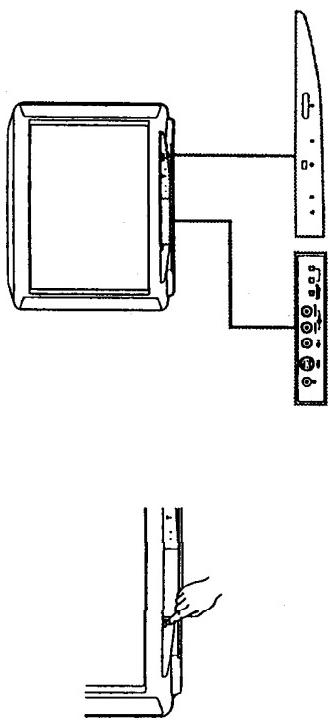
**LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE  SUR LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES remplacer que par des composants SONY dont le numero de piece est indique dans le present manuel ou dans des supplement publies par SONY.**

## Overview

## SECTION 1 GENERAL

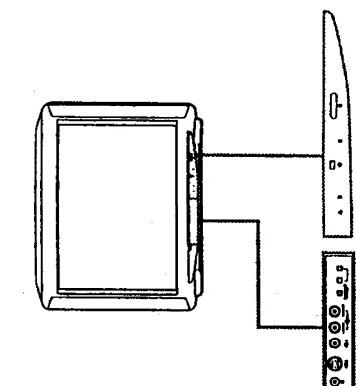
This section briefly describes the buttons and controls on the TV set and on the Remote Commander. For more information, refer to the pages given next to each description.

**TV set-front**



Symbol	Name	Refer to page
h	Main power switch	13
i	Standby indicator	13
A-g -B	Stereo A/B indicators	15
J	Headphones jack	23
y z 3, p 3, P-1, -z	Input jacks (S video/video/audio) Function selector (Programme/volume/input)	23
-/+	Adjustment buttons for function selector	13
PROGRAM +/-	Programme selectors	13
q r	Teletext page access buttons	20
n	Picture adjustment button	15
o	Sound adjustment button	15
g	On-screen display button	14
d	Teletext hold button	20
o	Time display button	14
■ ■ ■ ■	Fasttext buttons	20

**Roller Commander RMC-860**



**Remote commander RMC-831**

TV/Teletext operation			
Symbol	Name	Refer to page	Refer to page
u	Muting on/off button	14	PIP on/off button
i	Standby button	13	PIP source selector
x	TV power on/TV mode selector button	13	Swap button
A	Teletext button	14	PIP position changing button
z	Input mode selector	14	
h	Output mode selector	14	
1,2,3,4,5,6, 7,8,9 and 0	Number buttons	13	
-/-	Double-digit entering button	13	
C	Direct channel entering button	12	
1 +/-	Volume control button	13	
PROGRAM +/-	Programme selectors	13	
q r	Teletext page access buttons	20	
n	Picture adjustment button	15	
o	Sound adjustment button	15	
g	On-screen display button	14	
d	Teletext hold button	20	
o	Time display button	14	
■ ■ ■ ■	Fasttext buttons	20	

PIP (Picture-in-Picture) operation			
Symbol	Name	Refer to page	Refer to page
o	PIP on/off button	14	PIP on/off button
t	PIP source selector	13	PIP source selector
n	Swap button	13	Swap button
m	PIP position changing button	13	PIP position changing button

Menu operation			
Symbol	Name	Refer to page	Refer to page
o	Menu on/off button	7	Menu on/off button
o + s -	Select buttons	7	Select buttons
OK	OK (confirming) button	7	OK (confirming) button
←	Back button	7	Back button
→	Roller Commander:	7	Roller Commander:
↓ y OK	Pointer to select/confirm menu functions	7	Pointer to select/confirm menu functions

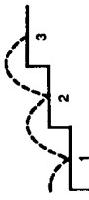
  

Video operation			
Symbol	Name	Refer to page	Refer to page
VTR 1/2/3, MDP	Video equipment selector	25	Video equipment selector
□ □ □ □	Video equipment operation buttons	25	Video equipment operation buttons
PROGR +/-	PROGR +/-		

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

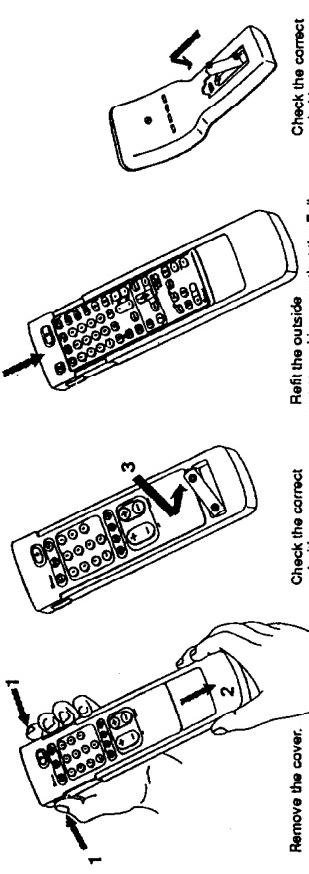
# Getting Started

## Step 3 – Tuning in to TV Stations



## Step 1 – Preparation

### Insert the batteries into the Remote Commanders



Check the correct polarities.  
Refit the outside cover making sure that the Full-function side is visible to use the menu in Step 3.

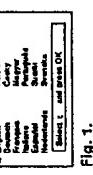
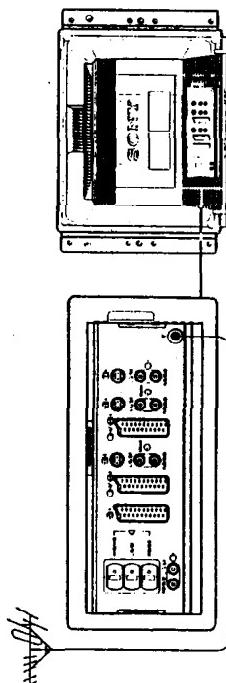


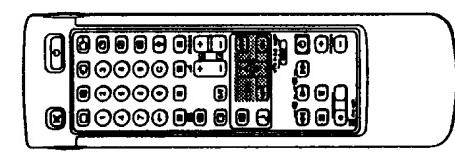
Fig. 1.

## Step 2 – Connection

### Connect the aerial



Fit an IEC aerial connector attached to 75-ohm coaxial cable (not supplied) to the T socket at the rear of the TV.



Once you have set up the TV, you can choose the language of the menu. Then you should preset the channels (up to 100 channels) by choosing either the automatic or manual method. The automatic method is easier if you want to preset all receivable channels at once. Use the manual method if you only have a few channels and want to press channels one by one. The manual method is also convenient for allocating programme numbers to various video input sources.

### Before you begin

Check that the Full-function side of the Remote Commander is visible. Locate Menu operation buttons on the Remote Commander. They are shaded in the illustration at the left.

### Easy Menu operation using the Roller Commander

In addition to your double-sided Remote Commander, this Roller Commander is supplied with an extra Remote commander. This Roller Commander works with a roller for convenient, fast access operation of the Menu functions. Move the roller upwards to move the cursor upwards, move the roller downwards to move the cursor downwards, press the roller to confirm a selection. The other buttons on this commander have the same function as the respective buttons on the double-sided Remote Commander.

### ① Choose a language

Depress h. on the TV. The TV will switch on. If the standby indicator on the TV is lit, press X or a number button on the Remote Commander. Press the MENU button. The LANGUAGE menu appears. (See Fig. 1.)



Fig. 1.

### ② Display the Menu

Press the ← button. The main menu appears. (See Fig. 2.) Now choose one of the following methods:  
»Preset Channels Automatically«  
or  
»Preset Channels Manually«.

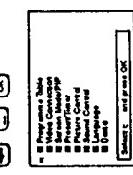


Fig. 2.

To go back to main menu. Keep pressing ←. To go back to the previous TV picture. Press MENU. Note on the DEMO function. If you choose:  
• Demo on the main menu. You can see a sequential demonstration on the menu functions. Press MENU to stop the function.

### ③ Preset channels automatically

Select •Preset/Timer• with o + or s – and press OK. The PRESET/TIMER menu appears. (See Fig. 3.)

1 Select •Auto Programme• with o + or s – and press OK. The AUTO PROGRAMME menu appears. (See Fig. 4.)

2 Select •Auto Programme• with o + or s – and press OK. The AUTO PROGRAMME menu appears. (See Fig. 4.)

3 Press OK repeatedly until the first element of the •PROG• number is highlighted.

4 Select the programme (number button) from which you want to start presetting. Select the first element of the double-digit number with o + or s – or the number buttons (e.g. For •04•, select •0• here) and press OK. The second element of •PROG• will be highlighted.

5 Select the second element of the double-digit number with o + or s – or the number buttons (e.g. For •04•, select •4• here) (See Fig. 5.) and press OK.

6 Press OK. The automatic channel presetting starts. When presetting is finished, the preset menu reappears. All available channels are now stored on successive number buttons.

You can sort the programme positions to have them appear on screen in the order you like. For details, see •Sorting Programme Positions• on page 10.

**Note**  
Programme names are automatically taken from •Relist• if available. If not, refer to page 11. Captioning of a station name (for more information).

With this method, you can preset all channels at once.

To stop automatic channel presetting  
Press ← on the Remote Commander.  
Notes  
After presetting the channels, save the settings, then check which channels are stored on which programme buttons. See •Saving Programme Table• on page 17.

You can sort the programme positions to have them appear on screen in the order you like. For details, see •Sorting Programme Positions• on page 10.

If you have made a mistake, Press ← to go back to the previous position.

To go back to main menu  
Keep pressing ←.

To go back to the normal TV picture  
Press MENU.

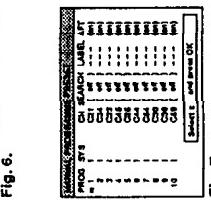
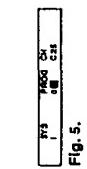
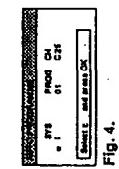
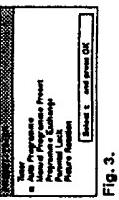
**③ Preset channels manually**

1 Select •Preset/Timer• with o + or s – and press OK. The PRESET/TIMER menu appears. (See Fig. 6.)

2 Select •Manual Programme Preset• with o + or s – and press OK. The MANUAL PROGRAMME PRESET menu appears. (See Fig. 7.)

Use this method if there are only a few channels in your area to preset or if you want to preset channels one by one. You may also allocate programme numbers to various video input sources.

- If you have made a mistake  
Press ← to go back to the previous position.  
To go back to main menu  
Keep pressing ←.  
To go back to the normal TV picture  
Press MENU.



- 3 Using o + or s –, select the programme position (number button) to which you want to preset a channel, and press OK.
- 4 Select if necessary, a video input source (EXT) with o + or s –.
- 5 Then press OK. The CH position will be highlighted. (See Fig. 8.)
- 6 Using o + or s –, select C (to preset a regular channel) or F (to tune in by frequency) and press OK. The first element of the CH-number will be highlighted.
- 7 If you have selected EXT in step 4, select the video input source with o + or s –. (See Fig. 9.)

There are two ways to preset channels. If you know the channel number, go to step 7-Manual.

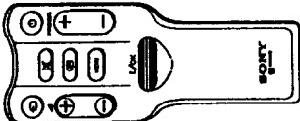
or

If you don't know the channel number, go to step 7-Search..

- 7 **Manual**
  - 8 Select the first element of the •CH• number with o + or s – or the number buttons and press OK. The second element of the •CH• number will be highlighted.
  - 9 Select the second element of the number with o + or s – or the number buttons. The selected number appears. (See Fig. 10.)
  - 10 Press OK. The •SEARCH• position is highlighted and the selected channel is now stored. (See Fig. 11.)
  - 11 Press OK until the cursor appears by the next programme position.
  - 12 Repeat steps 3 to 7 to preset other channels.

- 7 **Search**
  - 8 Press OK repeatedly until the colour of the SEARCH position changes.
  - 9 Start searching for the channel with o + (up) or s – (down). The CH number starts counting up or downwards. When a channel is found, it stops. (See Fig. 12.)
  - 10 Press OK if you want to store this channel. If not, press o + or s – to continue channel searching.
  - 11 Press OK until the cursor appears by the next programme position.
  - 12 Repeat steps 3 to 7 to preset other channels.

# Additional Presetting Functions



This section shows you additional presetting functions such as sorting or skipping programme positions, captioning a station name, manual fine-tuning, and using the parental lock.

## Before you begin

- Check that the Full Function side of the Remote Commander is available.
- Locate the Menu operation buttons.

## Sorting Programme Positions

With this function, you can sort the programme positions to a preferable order.

- Press MENU to display the main menu.
- Select »Preset/Timer« with o + or s – and press OK.
- The PRESET/TIMER menu appears.
- Select »Programme Sorting« with o + or s – and press OK.
- The PROGRAMME SORTING menu appears. (See Fig. 14.)
- Using o + or s –, select the programme position which you want to move to another and press OK.
- The colour of the selected position changes. (See Fig. 15.)
- Using o + or s –, select the programme position to which you want to move the channel of the programme position selected in step 4 and press OK. Now the programme positions have been sorted. (See Fig. 16.)
- Repeat steps 4 and 5 to sort other programme positions.

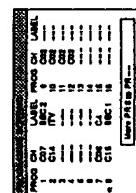


Fig. 14.



Fig. 15.

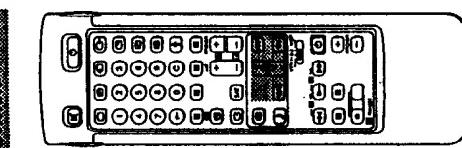


Fig. 16.

## How to adjust the Picture Rotation

If due to the earth magnetism the picture "slants", you can use the function "Picture Rotation" to readjust the picture.

- Press MENU to display the main menu.
- Select »Preset/Timer« with o + or s – and press OK.
- The PRESET/TIMER menu appears.
- Select »Picture Rotation« with o + or s – and press OK.
- The PICTURE ROTATION menu appears. (See Fig. 17.)
- Press OK. Adjust the picture rotation with o + or s – until you have an upright picture. As you press the cursor buttons, the range changes from -2 to +2.
- Press OK to store the adjustment.



## Skiping Programme Positions

You can skip unused programme positions when selecting programmes with the PROGR +/- buttons. However, the skipped programmes may still be called up when you use the number buttons.

- Press MENU to display the main menu.
- Select »Preset/Timer« with o + or s – and press OK.
- The PRESET/TIMER menu appears.
- Select »Manual Programme Preset« with o + or s – and press OK.
- The MANUAL PROGRAMME PRESET menu appears. (See Fig. 18.)
- Using o + or s –, select the programme position which you want to skip and press OK.
- The "SYS" position changes colour.
- Using o + or s – until "----" appears in the SYSTEM position. (See Fig. 19.)
- Press OK. (See Fig. 20.)
- When you select programmes using the PROGR +/- buttons, the programme position will be skipped.
- Repeat steps 4 to 6 to skip other programme positions.



Fig. 18.

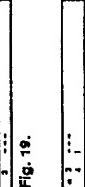


Fig. 19.



Fig. 20.

## Captioning a Station Name

Programme names are usually automatically taken from Teletext if available. You can also "name" a channel or an input video source using up to five characters (letters or numbers) to be displayed on the TV screen (e.g. BBC1). Using this function, you can easily identify which channel or video source you are watching.

- Press MENU to display the main menu.
- Select »Preset« with o + or s – and press OK.
- The PRESET menu appears.
- Select »Manual Programme Preset« with o + or s – and press OK.
- The MANUAL PROGRAMME PRESET menu appears. (See Fig. 21.)
- Using o + or s –, select the programme position you want to caption and press OK repeatedly until the first element of the LABEL position is highlighted.
- Select a letter or number with o + or s – and press OK.
- The next element will be highlighted.
- Select other characters in the same way. If you want to leave an element blank, select - and press OK. (See Fig. 22.)
- After selecting all the characters, press OK repeatedly until the cursor appears by the next programme position (at the left margin). Now the caption you chose is stored. (See Fig. 23.)
- Repeat steps 5 and 6 to caption names for other channels.

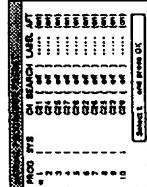


Fig. 21.

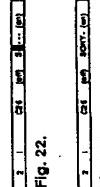


Fig. 22.



Fig. 23.

# Operating Instructions

## Manual Fine-Tuning

Normally, the AFT (automatic fine-tuning) is already operating. However, if the picture is distorted, you can use the manual fine-tuning function to obtain better picture reception.

- Press MENU to display the main menu.
- Select "Preset/Timer" with  $\circ$  or  $\circ$  and press OK. The PRESET/TIMER menu appears.
- Select "Manual Programme Preset" with  $\circ$  or  $\circ$  and press OK. The MANUAL PROGRAMME PRESET menu appears. (See Fig. 24.)
- Using  $\circ$  or  $\circ$ , select the programme position corresponding to the channel which you want to manually fine-tune, and press OK repeatedly until the AFT position changes colour.
- Fine-tune the channel with  $\circ$  or  $\circ$  so that you get the best TV reception. As you press the cursor buttons, the frequency changes from -15 to +15. (See Fig. 25.)
- After fine tuning, press OK.
- The cursor appears beside the next programme position (at the left margin). (See Fig. 26.) Now the fine-tuned level is stored. Repeat steps 4 to 6 to fine-tune other channels.

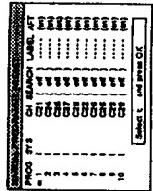


Fig. 24.

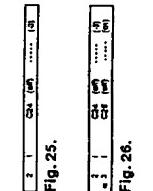


Fig. 25.

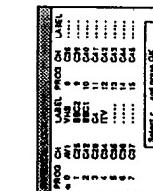


Fig. 26.

## Parental Lock

You can prevent undesirable broadcasts from appearing on the screen. We suggest you use this function to prevent children from watching programmes which you consider unsuitable.

- Press MENU to display the main menu.
- Select "Preset" with  $\circ$  or  $\circ$  and press OK. The PRESET menu appears.
- Select "Parental Lock" with  $\circ$  or  $\circ$  and press OK. The PARENTAL LOCK menu appears. (See Fig. 27.)
- Using  $\circ$  or  $\circ$ , select the programme position you want to block and press OK. The CH and LABEL change colour indicating that this programme is now blocked. (See Fig. 28.)
- Repeat step 4 to block other programme positions.

## Cancelling blocking

If you try to select a programme that has been blocked, the message "LOCKED" appears on the blank TV screen.

- On the PARENTAL LOCK menu, select the programme position you want to unlock with  $\circ$  or  $\circ$ .
- Press OK. The CH and LABEL change colour to normal colour indicating that the blocking has been cancelled.

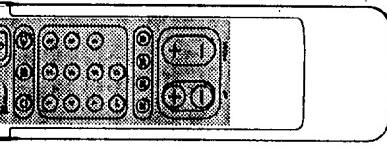
## Tuning in a Channel Temporarily

You can tune in a channel temporarily, even when it has not been preset. Use the buttons on the Full Function side of the Remote Commander.

- Press C on the Remote Commander. The indication "C" appears on the screen.
- Enter the double-digit channel number using the number buttons (e.g. for channel 4, first press 0, then 4).

However, the channel will not be stored.

## Watching the TV



This section explains the basic functions you use while watching TV. Most of the operations can be done using the simple side of the Remote Commander.

### Switching the TV on and off

#### Switching on

Depress h on the TV.

#### Switching off temporarily

Press i on the Remote Commander. The TV enters standby mode and the standby indicator on the front of the TV lights up. To switch on again, press x again or one of the number buttons on the Remote Commander.

#### Switching off completely

Depress h on the TV.

## Selecting TV Programmes

Press PROG +/- or press number buttons.

### To select a double-digit number

Press +/-, then the numbers. For example, if you want to choose 23, press +/-, 2 and 3.

## Adjusting the Volume

With the buttons on the TV you can select programmes, adjust the volume, and select video input sources.

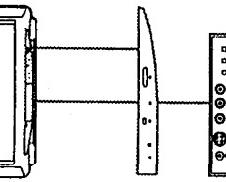
Press  $\text{VOL } +$  or  $\text{VOL } -$  button repeatedly until the programme number, 1 (for volume), or 2 (for video input picture) appears.

Then adjust with the +/- buttons.

Press +/- buttons to switch on the TV from the standby mode. Press +/- simultaneously to reset picture and sound controls to the factory preset level (RESET function).



Fig. 28.



This section explains the basic functions you use while watching TV. Most of the operations can be done using the simple side of the Remote Commander.

The TV enters standby mode and the standby indicator on the front of the TV lights up. To switch on again, press x again or one of the number buttons on the Remote Commander.

#### Switching on

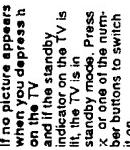
Depress h on the TV.

#### Switching off temporarily

Press i on the Remote Commander. The TV enters standby mode and the standby indicator on the front of the TV lights up. To switch on again, press x again or one of the number buttons on the Remote Commander.

#### Switching off completely

Depress h on the TV.



This section explains the basic functions you use while watching TV. Most of the operations can be done using the simple side of the Remote Commander.

## Operating the TV Using the Buttons on the TV

With the buttons on the TV you can select programmes, adjust the volume, and select video input sources.

Press  $\text{VOL } +$  or  $\text{VOL } -$  button repeatedly until the programme number, 1 (for volume), or 2 (for video input picture) appears.

Then adjust with the +/- buttons.

Press +/- buttons to switch on the TV from the standby mode. Press +/- simultaneously to reset picture and sound controls to the factory preset level (RESET function).

# Adjusting and Setting the TV Using the Menu

## Watching Teletext or Video Input

**Watching teletext**

- Press A to view the select.
- Press three number buttons to select a page.
- Press one of the colour buttons for fastext operation.
- Press Q (PAGE ->) or R (PAGE ->) for the next or preceding page.
- To go back to the normal TV picture, press X.

For details of the teletext operation, refer to page 20.  
For details of the video input picture, refer to page 24.

**Displaying the time**  
Press OK. A Programme Table will be displayed on the right side of the TV screen (See Fig. 29.)

## More Convenient Functions

Use the Full-Function side of the Remote Commander.

### Displaying the on screen Indications

- Press G once to display all the indications. They will disappear after some seconds.
- Press C twice to have the programme number and label stay on screen. Press twice again to make indications disappear.

### Muting the sound

- Press U. To resume normal sound, press U again.

**Displaying the time**  
Press X. This function is available only when teletext is broadcast. To make the time display disappear, press X again.

### Displaying of the Programme Table

Press OK. A Programme Table will be displayed on the right side of the TV screen (See Fig. 29.)

**Selecting of TV programmes**  
Press PROGR +/- or select the desired programme position using o + or s - and press OK.

To make the Programme Table disappear, Press MENU.

**Adjusting the Picture and Sound**

Although the picture and sound are adjusted at the factory, you can adjust them to suit your own taste. In addition, you can set the resolution to obtain a higher quality picture or reduce the picture noise. You can also select dual sound (bilingual) programmes when available, adjust the sound for listening with the headphones (J) or individually adjust and store the volume level of each channel (Volume offset). Also you have the possibility to adjust the sound to your individual taste using the Graphic Equalizer and special Sound effects.

- Press n (for picture) or Ø (for sound) on the Remote Commander.
- or
- Press MENU and select "Picture Control" or "Sound Control", then press OK. The PICTURE CONTROL or SOUND CONTROL menu appears. (See Fig. 29 or Fig. 30.)
- Using o + or s - select the item you want to adjust and press OK. The selected item changes colour. (See Fig. 31.)
- Adjust the setting with o + or s - and press OK. The cursor appears beside the next item (at the left margin). (See Fig. 32.) For the effect of each control, see the table below.
- Repeat steps 2 and 3 to adjust other items.

### Effect of each control

PICTURE CONTROL	Effect
Contrast:	Less — More
Brightness	Darker — Brighter
Colour	Less — More
Hue	Greenish — More Reddish
Sharpness	Min. — Centre — Max.
Reset	Resets picture to the factory preset levels
Resolution	off: Normal on: Reduction of picture noise in case of weak signals
Noise Reduction	off: Normal
SOUND CONTROL	Effect
Graphic Equalizer	(See page 16 for more information)
Balance	More left — More right
Digital Surround	Choice between special sound effects: Dom, Hall, Arena, Simulated (gives width to a monaural source)
Dual Sound	A: left channel B: right channel stereo mono The selected mode of The A-g-B indicator on the TV lights up (for NICAM broadcasts see next page)
Volume offset:	-4 Less 0 More +4
Headphones:	Less — More
J Volume	A: left channel
J Dual Sound	B: right channel stereo mono

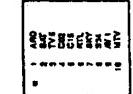


Fig. 29.

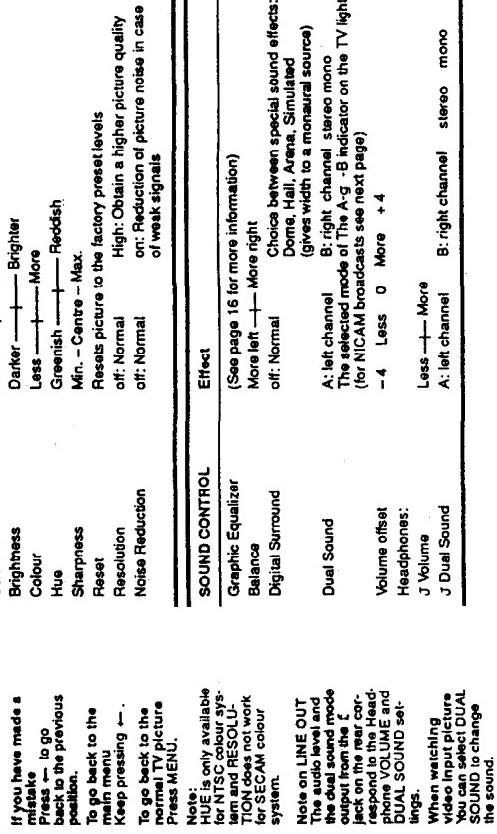


Fig. 30.

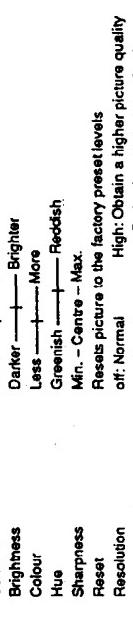


Fig. 31.

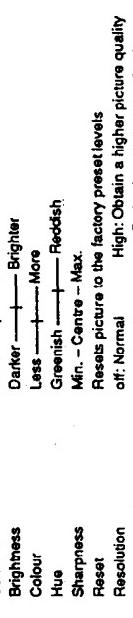


Fig. 32.

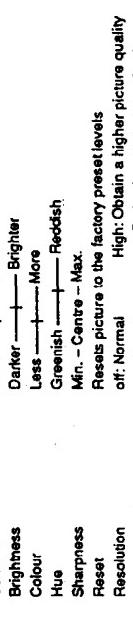


Fig. 33.

Note:  
HUE is only available for NTSC colour system and RESOLUTION does not work for SECAM colour system.

Note on LINE OUT  
The audio level and the dual sound mode output from the L jack on the rear correspond to the headphone VOLUME and DUAL SOUND settings.  
When watching video input picture you can select DUAL SOUND to change the sound.

### Graphic Equalizer

Using this function you can individually adjust the sound by cutting and boosting selected frequencies. You can also select between the following 5 modes:

- Flat → Pop → Rock → Jazz → Vocal → User
- 1. Select "Sound control" in the Main Menu; then select "Graphic equalizer" using  $\text{o} + \text{s} -$  and press OK.
- 2. Press OK. The colour of "Mode" changes. (See Fig. 34.) Select the desired mode with  $\text{o} + \text{s} -$ , then press OK.
- 3. If you want to modify a mode, select the desired bar of a frequency band using  $\text{o} + \text{s} -$  and press OK. The selected bar changes colour. Using  $\text{o} + \text{s} -$  adjust the level of frequency and press OK. In this way you can adjust all 5 graphic bars.
- 4. Press MENU to return to the normal TV mode.



**Note:**  
The modifications made in "User" will be stored. All other settings are made to the factory settings when you change to another mode.

### Selecting Nicam Broadcasts\*

This Sony TV has been designed to select Nicam broadcasts when available. Whenever a Nicam broadcast is received, "NICAM" appears briefly on the screen. When the Nicam programme ends, or you switch channels to one without Nicam, the A-G-B indicators, on the TV, will switch off. Nicam programmes can be broadcast in two ways. You may select the sound you want to hear in either of these by first following the instructions explained on page 15.

Service Being Broadcast	Action	Effect	Indication on the TV A-G-B
Stereo	Press	Stereo Nicam (mono 2-channel) mono	■ ■ ■

Press  $\text{o} + \text{s} -$  again to return to stereo Nicam (mono 2-channel)

Bilingual

press  
 $\text{o} + \text{s} -$

Press  $\text{o} + \text{s} -$  again to return to channel A Nicam

\*Depending on availability of service.

### Using the Programme Table

- On this table, you can see which channel is preset to which programme position. You can also select programmes using this table.
- From the main menu, select "Programme Table" with  $\text{o} + \text{s} -$  and press OK. The PROGRAMME TABLE menu appears. (See Fig. 35.) To scroll to higher programme numbers, press  $\text{o} + \text{s} -$ . To select a programme using this menu Select the programme number with  $\text{o} + \text{s} -$  and press OK. The selected programme appears.

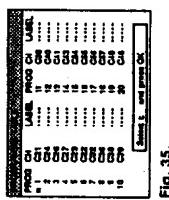


Fig. 35.

### Using the Sleep Timer

- You can select a time period after which the TV automatically switches into standby mode.
- 1 From the main menu, select "Sleep Timer" with  $\text{c} + \text{s} -$  and press OK. The PRESET/TIMER menu appears.
- 2 Using  $\text{o} + \text{s} -$  select "Timer" and press OK. The TIMER menu appears. (See Fig. 36.)
- 3 Press OK. The time period option changes colour.
- 4 Select the time period with  $\text{o} + \text{s} -$ .
- The time period (in minutes) changes as follows:  
10 → 20 → 30 → 40 → 50 → 60 → 70 → 80 → 90 → OFF →
- 5 After selecting the time period, press OK.
- The cursor moves back to the left margin and the timer starts counting.
- One minute before the TV switches into standby mode, a message is displayed on the screen.

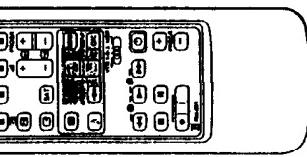


Fig. 36.

## PIP (Picture-In-Picture)

### Operating Screen Mode / PIP Using the Menu

Using the Screen Mode / PIP Menu you have the possibility to change the aspect ratio of the TV display for wide screen effect, operate the PIP mode, scan 9 successive TV channels on the screen (Programme Catching), display 8 successive freeze pictures (Photo mode) or reproduce the main picture image by image (strobe function).



#### Switching PIP on and off

Press  $\odot$ .  
The PIP screen will be displayed. The PIP picture will come from the source chosen when the TV was last used.

To switch PIP off  
Press  $\odot$  again.

#### Selecting a PIP source

Press 1.  
The symbol 1 will be displayed at the bottom, left-hand corner of the screen.

Press 2 - repeatedly until the desired source is indicated (e.g. TV, AV 1, AV 2, YC2, AV 3, YC3, AV 4, YC4).

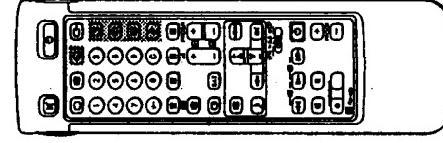
Note

If no video source has been connected, the PIP picture will be noisy.

#### Swapping screens

Press 11.  
The main screen will switch the picture with the PIP screen.

**Note**  
RGB input source  
cannot be displayed  
in PIP.



If a TV programme is on the PIP screen and a video source on the main picture, and you want to change channels, first press 1 and then the programme buttons or PROGH +/-.

#### Changing the position of the PIP

Press m repeatedly to change the position of the PIP screen

within the main screen. There are four different positions available.



FIG 40.

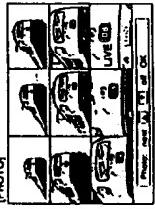


FIG 39.

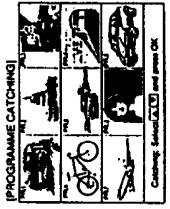


FIG 37.

#### MULTI PIP functions

##### a) Programme Catching

Using  $\Delta$  + or  $\nabla$  - select "PIP" and press OK. The SCREEN MODE/PIP menu appears. (See Fig. 37.)

Using  $\Delta$  + or  $\nabla$  - select "Screen mode" and press OK. The screen mode changes colour. Using  $\Delta$  + or  $\nabla$  - select the desired format (4:3 normal ratio or 16:9 for wide screen effect) and press OK.

b) Switching PIP on and off  
Using  $\Delta$  + or  $\nabla$  - select "PIP" and press OK. Using  $\Delta$  + or  $\nabla$  - select "on" to display the PIP screen and "off" to switch it off and press OK.

c) Changing the position of the PIP  
Using  $\Delta$  + or  $\nabla$  - select "PIP position" and press OK. Using  $\Delta$  + or  $\nabla$  - repeatedly to change the position of the PIP screen and press OK.

##### b) Photo mode

Using  $\Delta$  + or  $\nabla$  - select "Programme Catching" and press OK. Now a scan of 9 successive programmes (8 still pictures, 1 live picture where the cursor is positioned) is displayed on the TV screen starting from the programme tuned in. Using  $\Delta$  + or  $\nabla$  - you can move the cursor and update the still picture. The programme scanning starts again if you select the programme position lower or higher than the 9 displayed ones. (See Fig. 38.)

To select a Programme using the Programme Index  
Using  $\Delta$  + or  $\nabla$  - select the desired programme and you press OK. Now the selected programme is displayed and you are back in the normal TV mode.

##### c) Strobe mode

Using  $\Delta$  + or  $\nabla$  - select "Strobe" and press OK. Now the TV picture is displayed as a succession of 8 still pictures and a 9th picture which will be live. (See Fig. 40.) Using  $\Delta$  + or  $\nabla$  - the photo mode starts again. Press OK to return to the normal TV mode.

# Teletext

TV stations broadcast an information service called Teletext via the TV channels. Teletext service allows you to receive various information pages, such as weather reports or news at any time you want. For advanced teletext operation, use the buttons on the Full-Function side of the Remote Commander.

## Direct Access Functions

### Switching Teletext on and off

- 1 Select the TV channel which carries the teletext broadcast you want to watch.
  - 2 Press A to switch on teletext.
- A teletext page will be displayed (usually the index page). If there is no teletext broadcast, "No text available" is displayed on the information line of the screen.

To switch teletext off  
Press X.

### Selecting a teletext page

- With direct page selection  
Use the number buttons to input the three digits of the chosen page number.  
If you have made a mistake, type in any three digits. Then re-enter the correct page number.

With page-catching

- 1 Select a teletext page with a page overview (e.g. index page).
- 2 Press OK. "Page catching" will be displayed on the information line. The last digit if the first displayed page number flashes.

- 3 Using o + o s - select the desired page and press OK. The requested page will appear in a few seconds.

Press A to return.

### Accessing next or preceding page

- Press o (PAGE +) or z (PAGE -). The next or preceding page appears.

### Switching the teletext display on the TV programme

- Press A once in teletext mode or twice in TV mode.

### Preventing a teletext page from being updated

- Press A (HOLD). The HOLD symbol - a - displayed on the information line.
- Press A again to resume normal teletext reception.

### Using Fasttext

- With Fasttext you can access pages with one key stroke. When a Fasttext page is broadcast, a colour-coded menu will appear at the bottom of the screen. The colours of this menu correspond to the red, green, yellow and blue buttons on the Remote Commander.

- Press the corresponding coloured button on the Remote Commander, which corresponds to the colour-coded menu. The page will be displayed after some seconds.

Note  
Fasttext operation is only possible if the station broadcasts Fasttext signals.

## Using the Teletext Menu

This TV is provided with a menu-guided teletext system. When teletext is switched on, you can use the menu buttons to operate the teletext menu. Select the teletext menu functions in the following way:

- 1 Press MENU. The menu will be superimposed on the teletext display. (See Fig. 41.)
- 2 Using o + o s - select the teletext function you want and press OK. (See Fig. 42.)

### USER PAGES/PRESET USER PAGES

- See page 22 for information about presetting and operating the user pages.
- INDEX**  
The index will give you an overview of the contents of the teletext and the page numbers.

### TOP/BOTTOM/FULL

- For convenient reading of a teletext page, you can enlarge the teletext display with the ability to scroll up and down. After having selected the function, an information line TOP/BOTTOM/FULL will be displayed. (See Fig. 43.)

- Press o + for "Top" to enlarge the upper half. Keep pressing s - for "Bottom" to enlarge the lower half. Press OK for "Full" to resume the normal size.

Press A to resume normal teletext reception.

### TEXT CLEAR

- After having selected the function, you can watch a TV programme while waiting for a requested teletext page to be displayed. (The symbols change colour) (See Fig. 44.)

Press A to view the captured page.

### SUBTITLES

- Your teletext service will inform you if a TV programme is subtitled. After having selected the function the subtitles will be displayed.

### REVEAL

- Some teletext pages contain concealed information such as answers to a quiz. The reveal option lets you decode the information while waiting for a requested teletext page. (See Fig. 45.)

Press A to view the captured page.

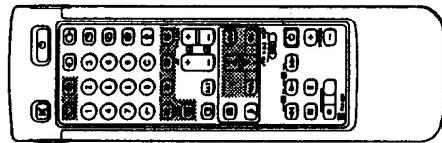
- Using o + or s - select ON to reveal the information or OFF to conceal it again.

### TIME PAGE

This feature is not available in the U.K..

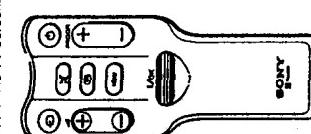
### SUBPAGE

- You may want to select a particular teletext page from several subpages which are rotated automatically. After having selected the function, an information line will be displayed.
- To select the desired subpage, enter four digits using PROG +/- or the number buttons. (e.g. enter 0002 for the second page of a sequence).



**Note**  
Some of the features may not be available depending on the Teletext service.

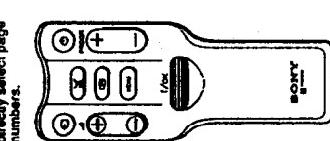
**Note:**  
If you press OK again the right teletext page will appear on the left side of the TV screen.



### Notes

When a Fasttext page is broadcast, a colour-coded menu will appear at the bottom of the screen. The colours of this menu correspond to the red, green, yellow and blue buttons on the Remote Commander.

- Press the corresponding coloured button on the Remote Commander, which corresponds to the colour-coded menu. The page will be displayed after some seconds.



## User Page Bank System

You can store up to 30 pages in the "Télétext page bank" system. In this way you have quick access to the pages you watch frequently.

### Storing pages

There are 5 "banks" (A to E) for 5 Télétext stations. In each bank you can store 6 preferred pages (P1 to P6).

1 Press A (if Télétext is not on already) and MENU to show the TELETEXT MENU display.

2 Select PRESET USER PAGES with o + or s - and press OK.

3 Select the desired bank with o + or s - and press OK. The cursor will go to the first position (P1) of the preferred pages.

4 Input the three digits of your first preferred page with the number buttons. The cursor will go to the second position.

Repeat steps 4 to 8 for the other 5 page numbers you want to preset. If you do not want to preset all 15 page numbers available, press OK without inserting any number.

6 Select "Allocate Banks" with o + or s - and press OK.

7 Select the programme position for which you have preset pages with o + or s - and press OK (See Fig. 46).

8 Select the desired bank with o + or s - (Banks A to E are available) and press OK.

9 Repeat steps 3 to 8 for the other 4 banks available.

### Displaying User Pages

1 Select MENU.

2 Select "USER PAGES" with o + or s - and press OK.

A table of the stored preferred pages will be displayed. (See Fig. 47.)

3 Select the desired page with o + or s - and press OK.

The page will be displayed after some seconds.

or

You can use the coloured buttons on the Remote Commander to have quick access to the first four User pages. Page 1 corresponds to the red button, P 2 to the green one, P 3 to the yellow one and P 4 to the blue button.

To select the desired page press the respective coloured button while you are in TV mode. Now the Page number of this Télétext page will appear in white at the top in the lefthanded corner of the TV screen. When the page number changes colour the page is available. Press the coloured button again to display the page.

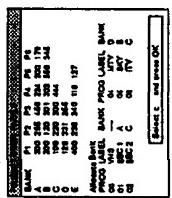


Fig. 46.

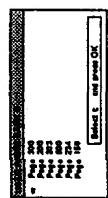


Fig. 47.

# Operating Optional Equipment

## Selecting input and output

This section explains how to view the video input picture (of the video source connected to your TV), and how to select the output signal using direct access buttons or the menu system.

### Selecting Input

Press **z** repeatedly to select the input source.  
The symbol of the selected input source will appear.

To go back to the normal TV picture  
Press **x**.

### Input modes

Symbol	Input signal
z 1	Audivideo input through the e 1 connector
1	RGB Input through the e 1 connector
z 2	Audivideo input through the A 2/Y 2 connector
y 2	S video input through the A 2/Y 2 or Y 2 connector
z 3	Audivideo input through 2 3 and p On the front
y 3	S video input through the Y 3 connectors on the front (4-pin connector)
z 4	Audivideo input through the A 4/Y 4 connector
y 4	S video input through the A 4/Y 4 or Y 4 connector (4-pin connector)

You can also select the input mode using the **P→1**, **→z** and **→y** buttons on the TV.  
In this case, first select **z**, and then press **→z** or **→y** buttons to select the input.

### Selecting the output

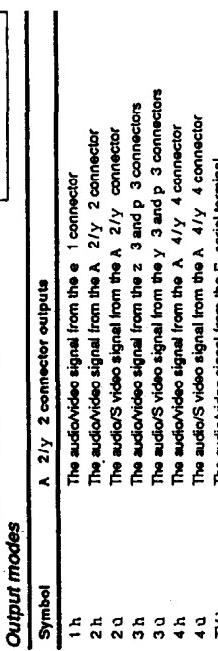
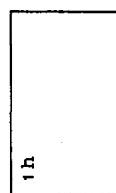
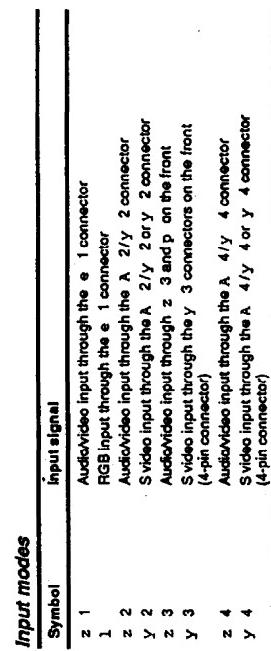
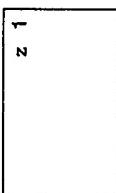
The A 2/Y 2 connector outputs the source input from the other connectors.

Press **h** repeatedly to select the output.

The symbol of the selected output source appears.

### Output modes

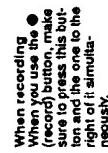
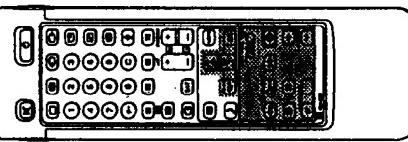
Symbol	A 2/Y 2 connector output
1 h	The audivideo signal from the e 1 connector
2 h	The audivideo signal from the A 2/Y 2 connector
2 q	The audivideo signal from the A 2/Y 2 connector
3 h	The audivideo signal from the z 3 and p 3 connectors
3 q	The audivideo signal from the Y 3 and p 3 connectors
4 h	The audivideo signal from the A 4/Y 4 connector
4 q	The audivideo signal from the A 4/Y 4 connector
TV h	The audivideo signal from the E serial terminal



## Checking and selecting the input and output sources using the menu

You can display the menu to see which input sources are selected for the TV screen and PIP screen, and which output source is selected. You can also select them on the menu display.

- 1 Select "VIDEO CONNECTION" with **o + s -** and press OK. The **VIDEO CONNECTION** menu appears. (See Fig. 48.) You can see which source is selected for the TV and PIP input, and for the output. If you want to select the input and output on this menu, go on to the next step.
- 2 Select TV screen (input source for the TV screen), PIP (input source for the PIP screen), or Output (output source) with **o - or s -** and press OK. One of the source items changes colour. (See Fig. 49.)
- 3 Select the desired source with **o + s -**. (See Fig. 50.) For details about each source, see the table on page 23.
- 4 Press OK. The selected source is confirmed, and the cursor appears. (See Fig. 51.)
- 5 Repeat steps 2 to 4 to select the source for other inputs or outputs.

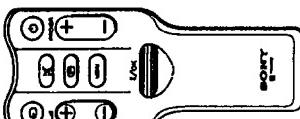


## Remote Control of Other Sony Equipment

You can use the TV Remote Commander to control other remote-controlled equipment. The buttons for video operation have been factory-set to control most of Sony video equipment, such as: Beta, 8mm or VHS VTRs or video disc players.

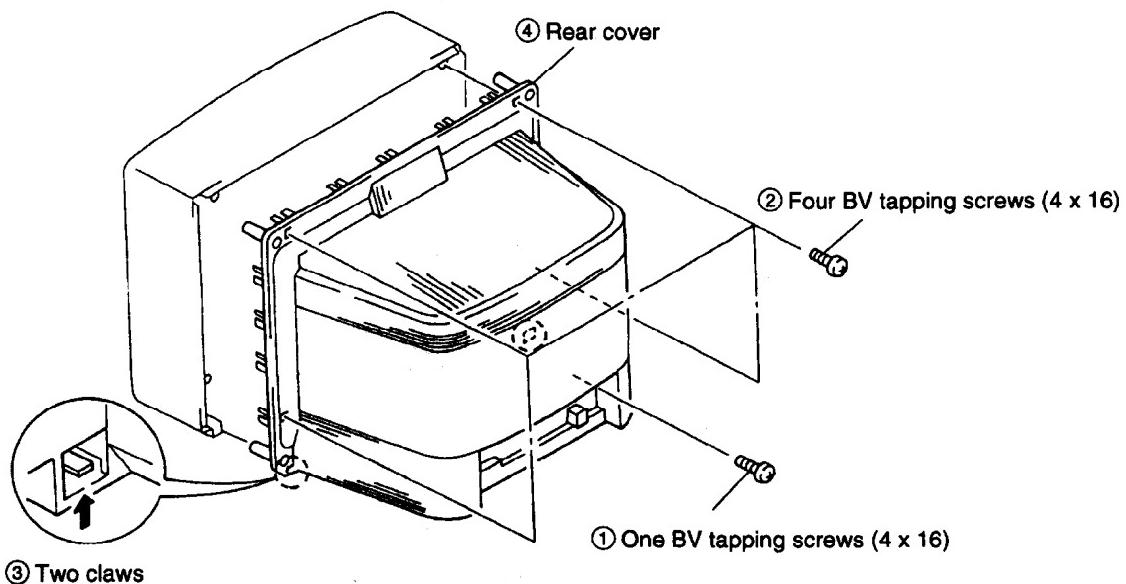
### Tuning the Remote Commander to Sony equipment

- 1 Set the VTR 1/2/3 MDP selector according to the equipment you want to control:  
VTR 1: Beta or ED Beta VTR  
VTR 2: 8mm VTR  
VTR 3: VHS VTR  
MDP: Video disc player
- 2 If your video equipment is furnished with a COMMAND MODE selector, set this selector to the same position as the VTR 1/2/3 MDP selector on the TV Remote Commander.  
If the equipment does not have a certain function, the corresponding button on the Remote Commander will not operate.



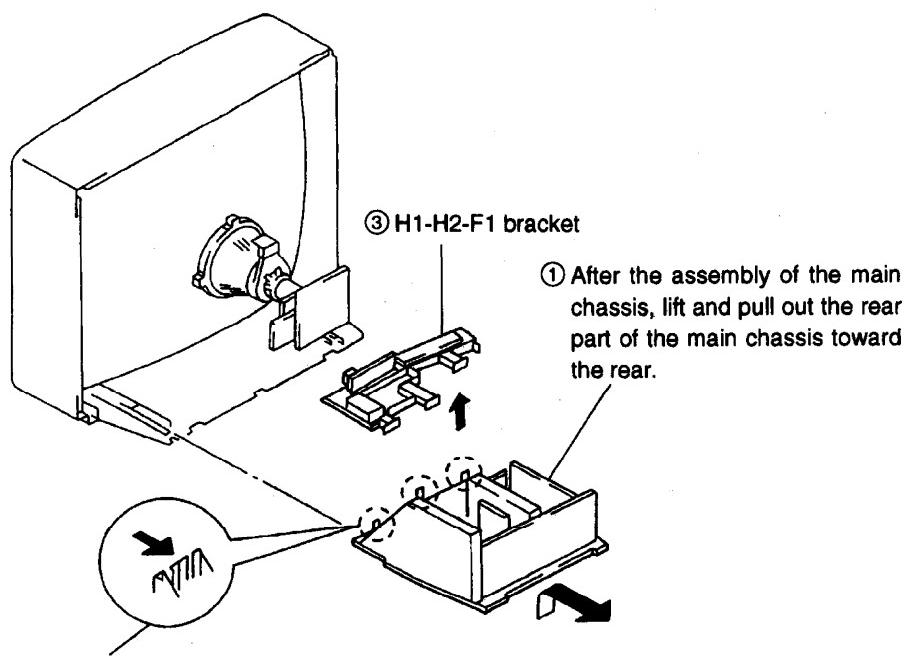
## SECTION 2 DISASSEMBLY

### 2-1. REAR COVER REMOVAL



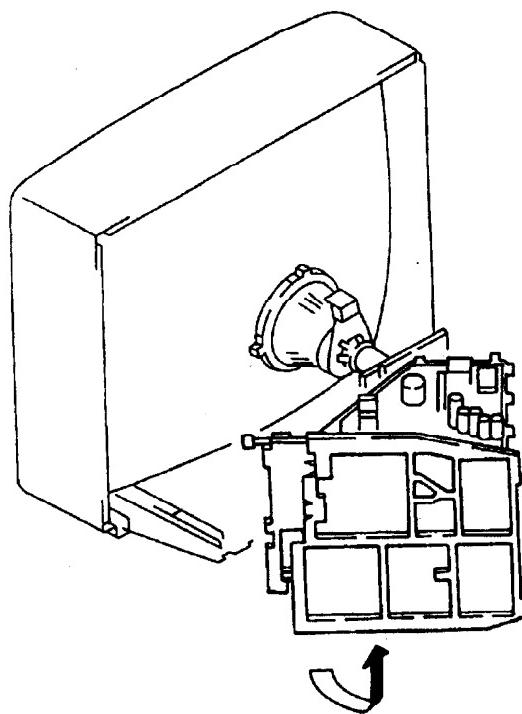
### 2-2. CHASSIS ASSY REMOVAL

- \* Remove the connector braket and then perform the following servicing.  
(refer to 2-3. CHASSIS ASSY REMOVAL.)

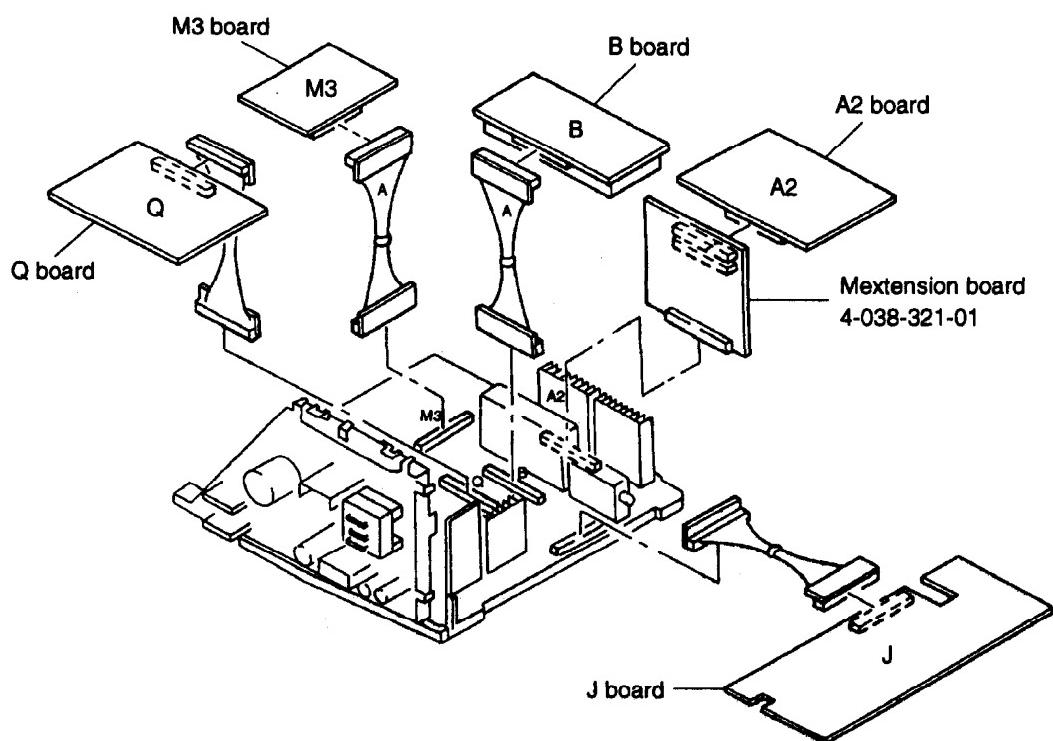


- ② Push the three claws of the main chassis in the direction of the arrow and remove the H1-H2-F bracket upwards.

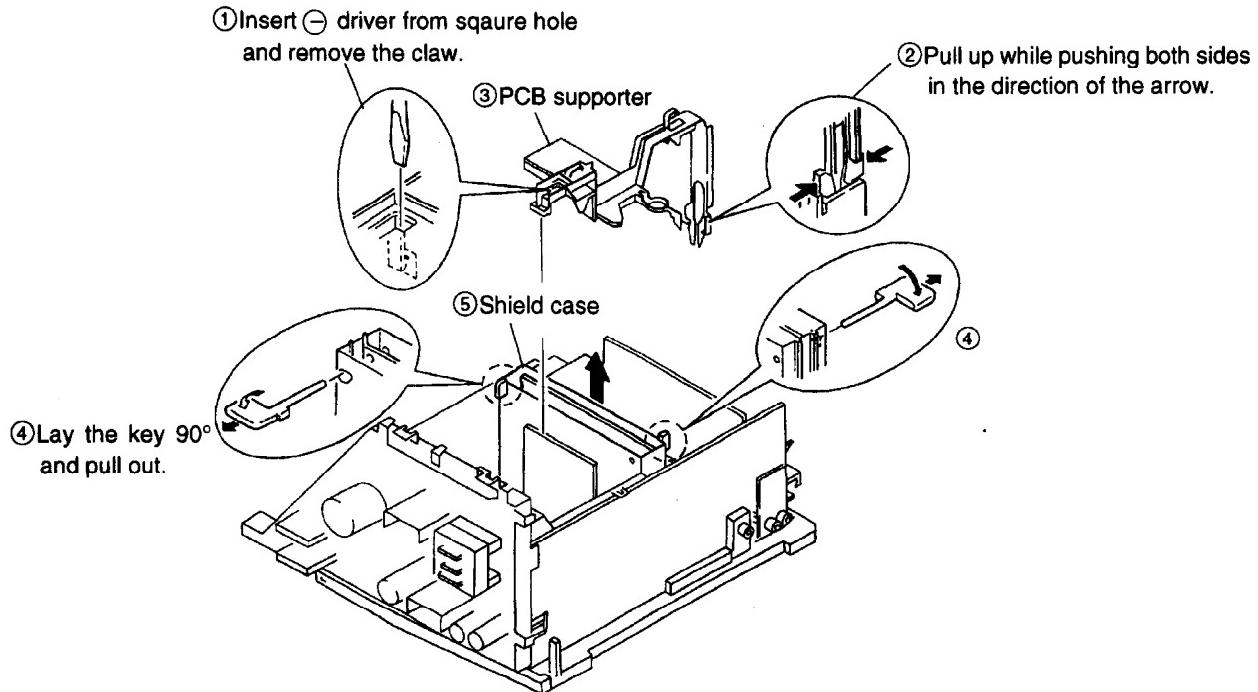
## 2-3. SERVICE POSITION



## 2-4. EXTENSION BOARD

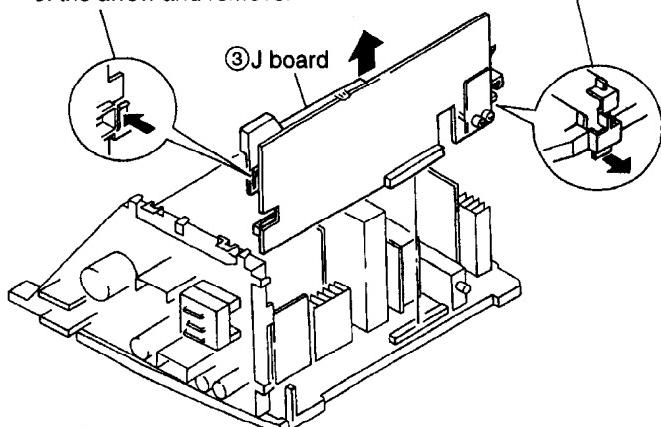


## 2-5. PCB SUPPORTER AND SHIELD CASE REMOVAL



## 2-6. J BOARD REMOVAL

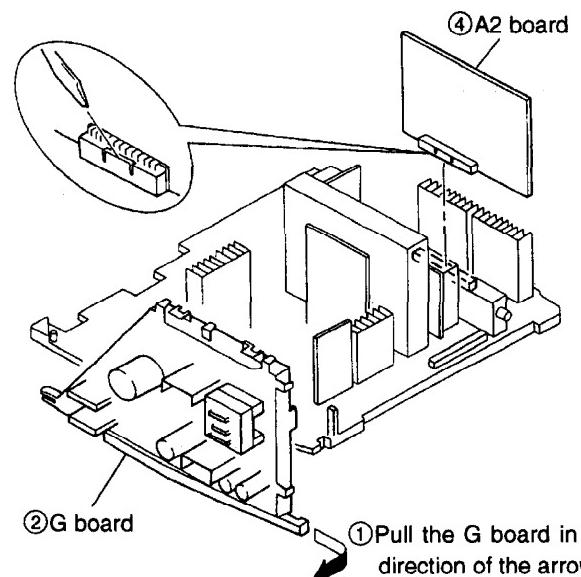
① Push the claw in the direction of the arrow and remove.



## 2-7. G AND A2 BOARDS REMOVAL

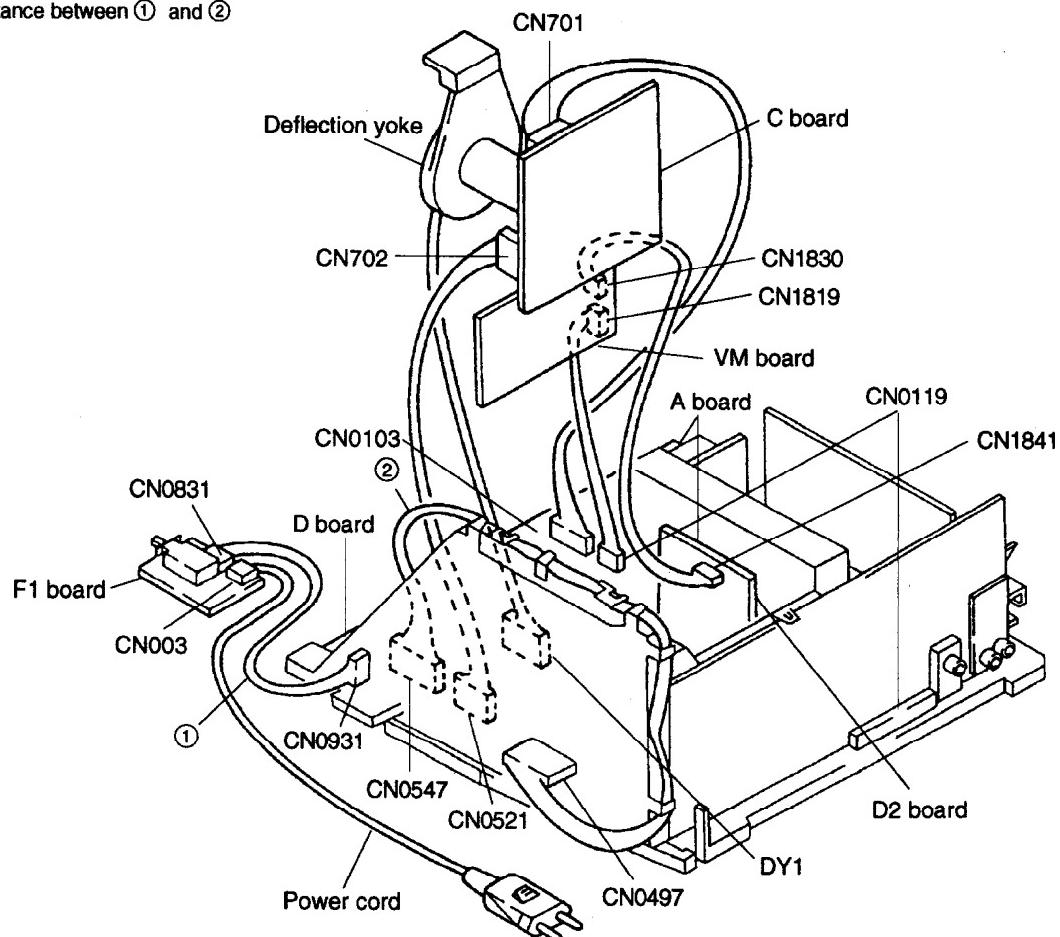
② Pull the claw of the bracket in the direction of the arrow and remove.

③ Insert  $\ominus$  driver to the claw of the connector and remove.

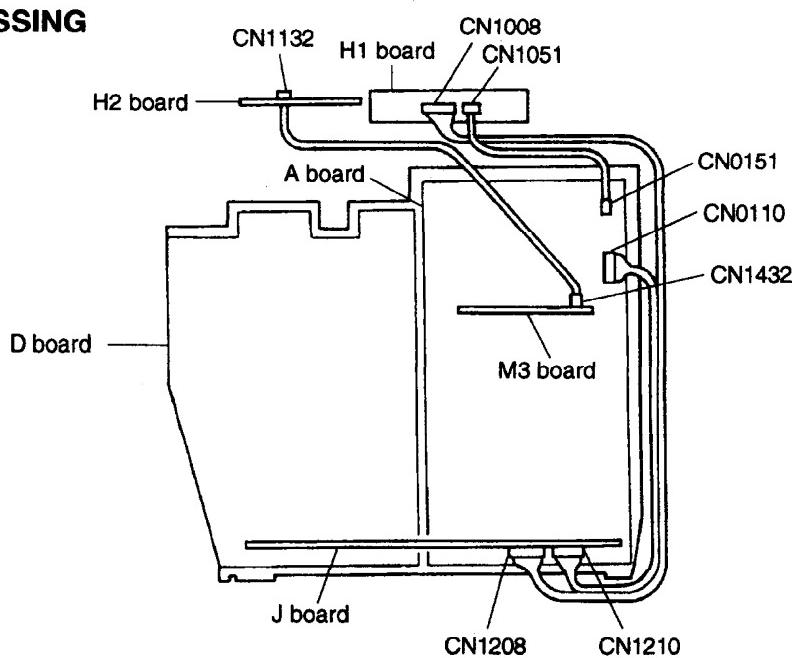


## 2-8-1. WIRE DRESSING

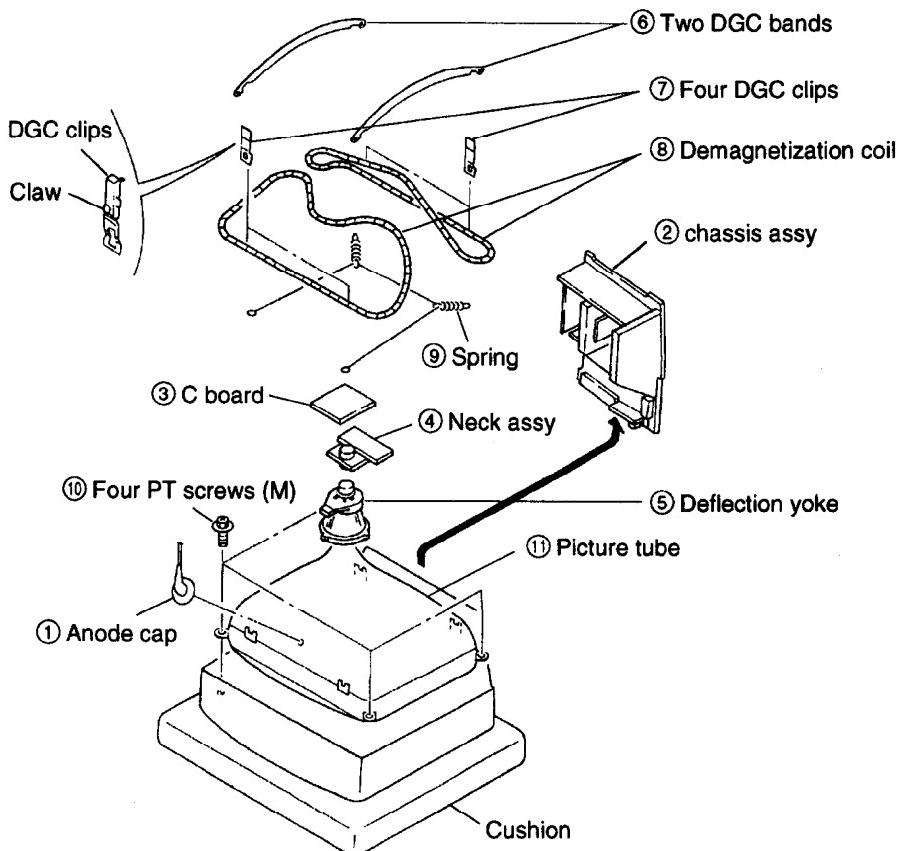
- Keep distance between ① and ②



## 2-8-2. WIRE DRESSING



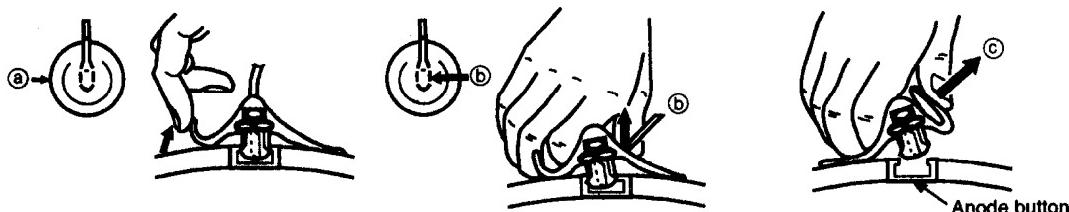
## 2-9. PICTURE TUBE REMOVAL



### • REMOVAL OF ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT, after removing the anode.

### • REMOVING PROCEDURES



- ① Turn up one side of the rubber cap in the direction indicated by the arrow Ⓐ.

- ② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow Ⓑ.

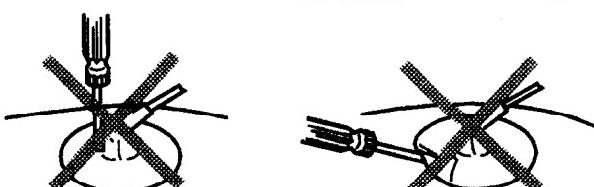
- ③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow Ⓒ.

### • HOW TO HANDLE AN ANODE-CAP

- ① Don't hurt the surface of the anode-cap with sharp shaped material!
- ② Don't press the rubber hardly hardly not to hurt inside of anode-caps!

A material fitting called as shatter-hook terminal is built in the rubber.

- ③ Don't turn the foot of rubber over hardly!  
The shatter-hook terminal will stick out or hurt the rubber.



## SECTION 3

### SET-UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there is specific instruction to the contrary, carry out these adjustments with the rated power supply.
- Unless there is specific instruction to the contrary, set the controls and switches as this way:

Contrast ..... 80%  
                   (or remote control normal)  
     Brightness ..... 50%

- Carry out the following adjustments in this order:
- Beam landing
  - Convergence
  - Focus
  - White balance

Note: Testing equipment required.

- Colour bar/pattern generator
- Degausser
- DC power supply
- Digital multimeter
- Oscilloscope

#### Preparation:

- In order to reduce the influence of geomagnetism on the set's picture tube face it east or west.
- Switch on the set's power and degauss with the degausser.

#### 3-1. BEAM LANDING

- Input a white signal with the pattern generator.  
 Contrast } normal  
 Brightness }
- Position neck assy as shown in Fig. 3-2.
- Set the pattern generator raster signal to red.
- Move the deflection yoke to the rear and adjust with the purity control so that the red is at the center and the blue and the green take up equally sized areas on each size. (see Fig. 3-1 - 3-3.)
- Move the deflection yoke forward and adjust so that entire screen is red. (See Fig. 3-1.)
- Switch the raster signal to blue, then to green and verify the condition.
- When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
- If the beam does not land correctly in all the corners, use a magnet to adjust it. (See Fig. 3-4.)

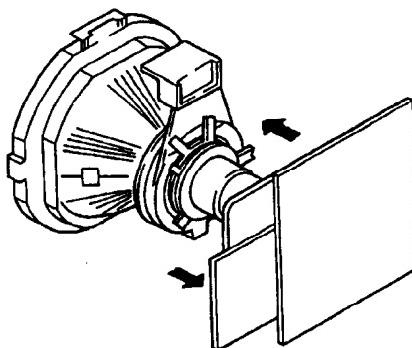


Fig. 3-1

Fig. 3-2

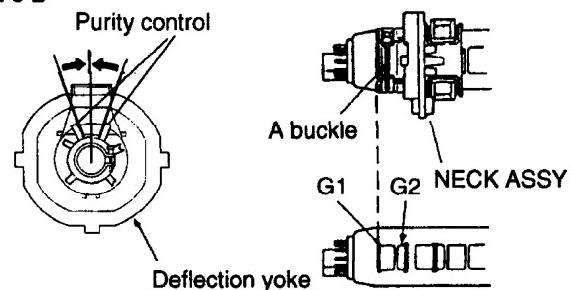


Fig. 3-3

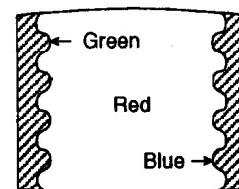
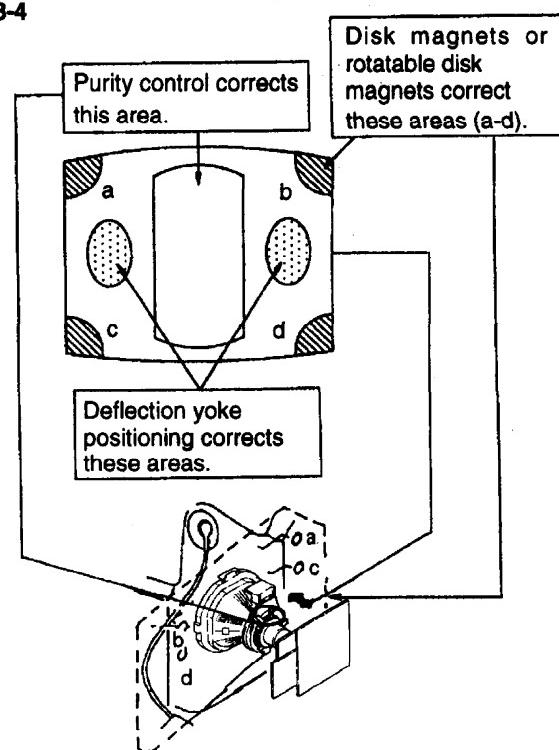


Fig. 3-4

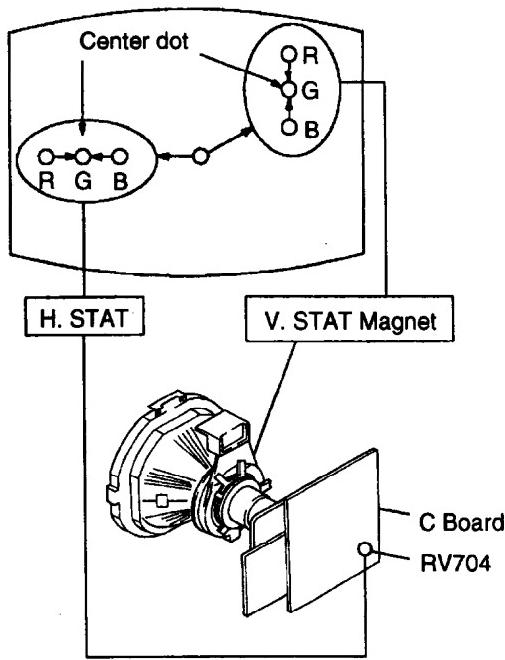


## 3-2. CONVERGENCE

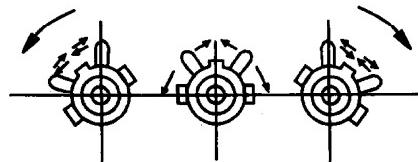
### Preparations:

- Before starting this adjustment, adjust the focus, horizontal size and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.

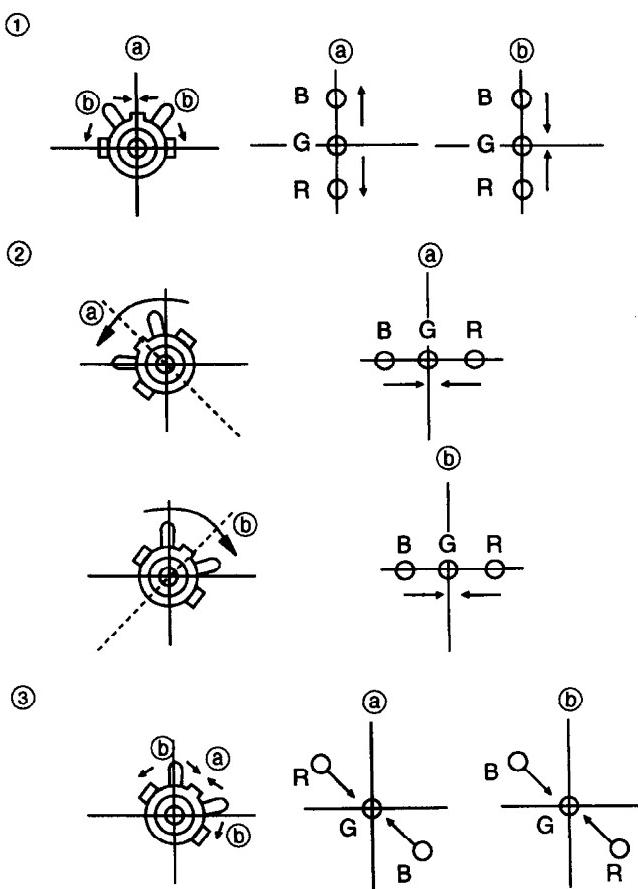
### (1) Horizontal and vertical static convergence



- Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.

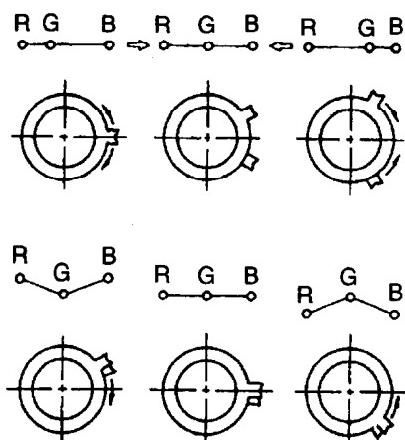


- If the V.STAT magnet is moved in the direction of the ① and ② arrows, the red, green, and blue points move as shown below.



- (Moving horizontally), adjust the H.STAT control so that the red, green, and blue points are on top of each other at the center of the screen.
- (Moving vertically), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
- If the H.STAT variable resistor cannot bring the red, green, and blue points together at the center of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V.STAT magnet in the manner given below.  
(In this case, the H.STAT variable resistor and the V.STAT magnet influence each other)

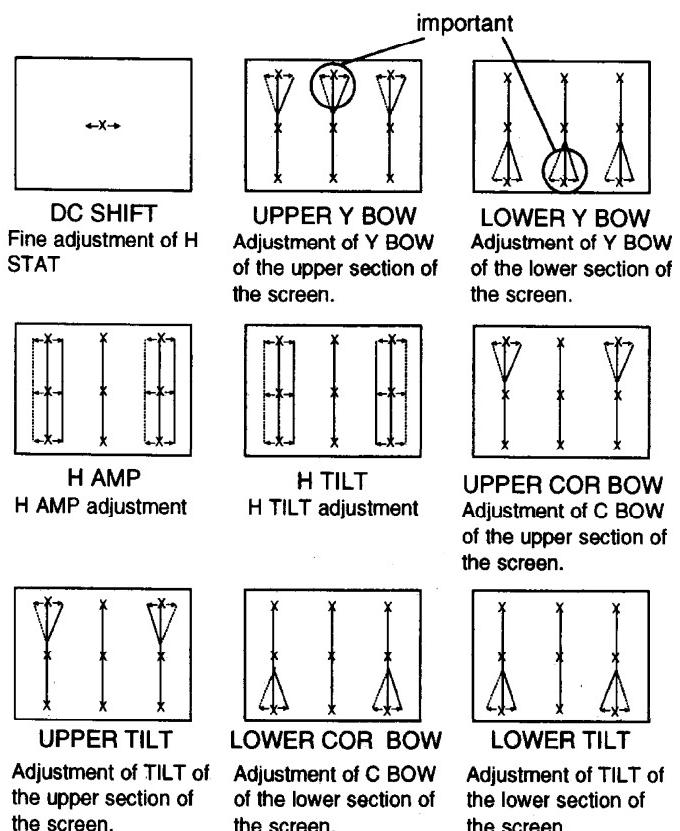
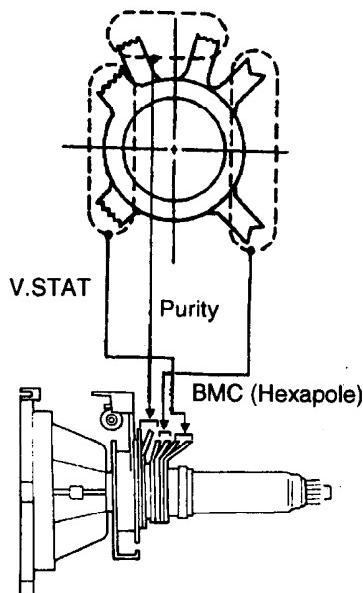
- Operation of BMC (Hexapole) Magnet



CXA1526		
1	DC SHIFT	(32)
2	UPPER Y BOW	(4)
3	LOWER BOW	(5)
4	H AMP	(48)
5	H TILT	(29)
6	UPPER COR BOW	(32)
7	UPPER TILT	
8	LOWER COR BOW	(32)
9	LOWER TILT	(32)

R.G.B. dots movement on the screen of the set

- The respective dot positions resulting from moving each magnet interact, so be sure to perform adjustment while tracking. Use the H.STAT VR to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).



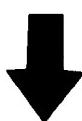
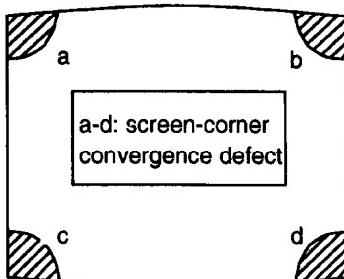
At this time, H.TILT, H.AMP, UPPER TILT, UPPER COR, BOW, LOWER TILT, and LOWER COR, BOW look like all the same, but the movement of the right and left dots are reverse in all the TILT system. (Pay attention to the dotted lines.)

## (2) Dynamic Convergence Adjustment

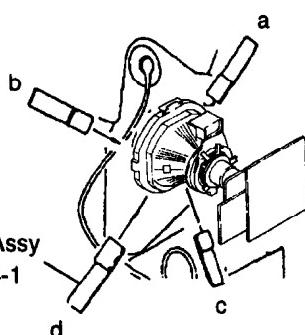
- Adjust horizontal convergence located at the center position of the screen with H STAT VR.
- Enter into service mode. (Refer to the section 2 "Electrical Adjustment" on how to enter service mode.)
- Select CXA1526 on menu.
- Select each item and adjust them so that each item attains optimal convergence.
- Press **OK** button to write the data.

**(3) Screen corner convergence**

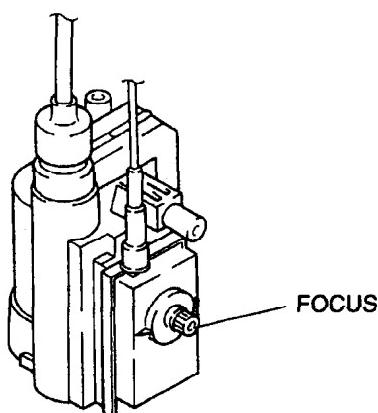
If you cannot adjust corner convergence properly, correct them with permalloy.



Install the permalloy assembly  
for the section with faulty.

**3-3. FOCUS**

Adjust the focus to optimize the screen.

**3-4. WHITE BALANCE****White balance adjustment**

1. Receive all-white signal.
2. Enter into service mode. (Refer to the section 4 "Electrical Adjustment" to how to enter service mode.)
3. Select TDA4780 on menu.

Item No.	Adjustment item	Data amount
> 1	BRIGHT	31
2	COLOR	31
3	PICT	52
4	HUE	31
5	R GAIN	31
6	G GAIN	ADJ.
7	B GAIN	ADJ.
8	R LEVEL REF	ADJ.
9	G LEVEL REF	ADJ.
10	B LEVEL REF	ADJ.
11	PEAK DRV LIMIT	36
12	GAMMA	31
13	SANDCASTLE 2 LEVEL-5	ON
14	DELOF	OFF
15	DATA BUFFER	OFF

Select **▲▼** and press **OK**.

4. Set picture to MAX.
5. Adjust G-DRIVE B-DRIVE with **[ ], [ ]** buttons so that the white balance becomes optimum.
6. Press **OK** button to write the data for each item.
7. Set picture to MIN.
8. Adjust R LEVEL REF, G LEVEL REF and B LEVEL REF with **[ ], [ ]** buttons so that the white balance becomes optimum.
9. Press **OK** button to write the data for each item.

## SECTION 4

### CIRCUIT ADJUSTMENTS

#### 4-1. ELECTRICAL ADJUSTMENTS

Service adjustment to this model can be performed with the supplied remote commander, RM-831.

##### HOW TO ENTER INTO SERVICE MODE

- Turn on the main power switch of the set. Then press "B" button of the remote commander twice.

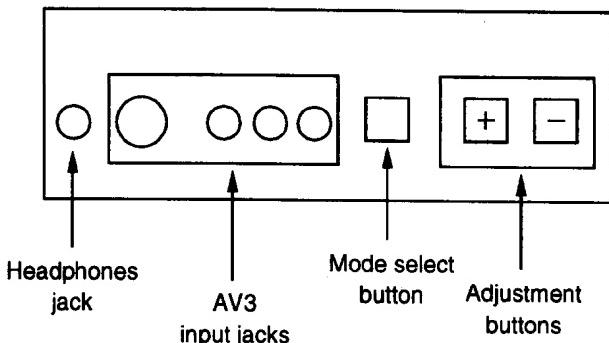


Fig. 4-1

- "TT" will appear on the upper right corner of the screen.

Command operation in service mode

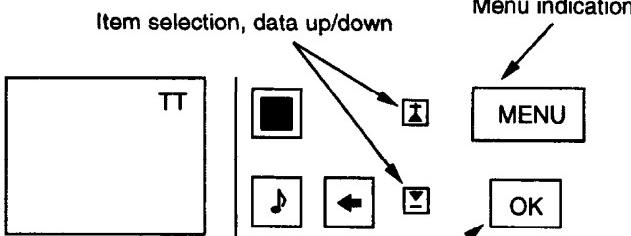


Fig. 4-2

Fig. 4-3 Selection completion, data written-in

- Press the **MENU** button of the commander to get the menu on screen.

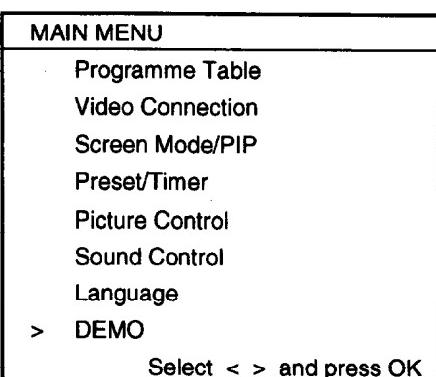


Fig. 4-4

- Press the **▲** and **▼** buttons of the commander and move **>** to DEMO.
- Press **OK** button to proceed to the next menu.
- The menu of fig. 4-5 will appear on screen. Select DEVICE corresponding to the adjustment item from the table on next page.

DEVICES	
Init TV	
> TDA4780	
ECO3	
CXD2018	
TDA9145	
CXA1526	
TDA6812	
CX7948a	
P/P	
Megatext	
Digital Sound	
Select < > and press OK	

Fig. 4-5

- If adjustment item is TDA4780, press the **▼** button and move **>** to TDA4780.

#### TDA4780

Item No.	Adjustment item	Data amount
> 1	BRIGHT	31
2	COLOR	31
3	PICT	52
4	HUE	31
5	R GAIN	41
6	G GAIN	38
7	B GAIN	31
8	R LEVEL REF	31
9	G LEVEL REF	31
10	B LEVEL REF	31
11	PEAK DRV LIMIT	36
12	GAMMA	31
13	SANDCASTLE 2 LEVEL-5	ON
14	DELOF	OFF
15	DATA BUFFER	OFF

Select **▲▼** and press OK.

8. Press **OK** button to get the next selection menu.
9. Press **OK** button and move > to the adjustment item and press **OK** button.
10. Press the **▲** and **▼** buttons to change the data in order to comply each standard.
11. Press **OK** button to write data.
12. Turn off the power to quit service mode when completing the adjustment.

## TDA4780

Item No.	Adjustment item	Data amount
01	BRIGHT	31
02	COLOR	31
03	PICT	52
04	HUE	31
05	R GAIN	41
06	G GAIN	38
07	B GAIN	31
08	R LEVEL REF	31
09	G LEVEL REF	31
10	B LEVEL REF	31
11	PEAK DRV LIMIT	36
12	GAMMA	31
13	SANDCASTLE 2 LEVEL-5	ON
14	DELOF	OFF
15	DATA BUFFER	OFF
16	NTSC MATRIX	OFF
17	HDTV	OFF
18	FSBL	OFF
19	AUTO CUT OFF	ON
20	FSW 2 DISABLE	OFF
21	FSW 2	OFF
22	FSW 1 DISABLE	OFF
23	FSW 1	OFF
24	ADAPTIVE BLACK	OFF
25	Y HIGH 1V	OFF
26	MOD2	OFF
27	BLUE STRETCH	OFF
28	VM OUT	ON
29	PEAK DRV ABLOSUTE	ON
30	TIME CNST PEAK LIMIT	OFF
31	no selection	OFF
32	SUB BRIGHT	- 5
33	SUB COLOR	0

## CXD2018

Item No.	Adjustment item	Data amount
01	V SIZE	ADJ.
02	V SHIFT	ADJ.
03	S CORRECTION	ADJ.
04	V LINEARITY	ADJ.
05	H SIZE	ADJ.
06	PIN AMP	ADJ.
07	TILT	ADJ.
08	UPPER CORNER	ADJ.
09	LOWER CORNER	ADJ.
10	V BOW	ADJ.
11	ANGLE	ADJ.
12	HV COMP. V	13
13	HV COMP. H	8
14	FRAME SHIFT	OFF
15	FREE RUN 60 Hz	OFF
16	SYSTEM 60 Hz	OFF
17	ASPECT WIDE	OFF
18	DOUBLE SCAN	OFF
19	INTERLACE	ON
20	H SHIFT	32

Typical Value (OSD based) when receiving PAL Philips pattern.

TDA6612	ADJ.
Stereo-Separation	(30)

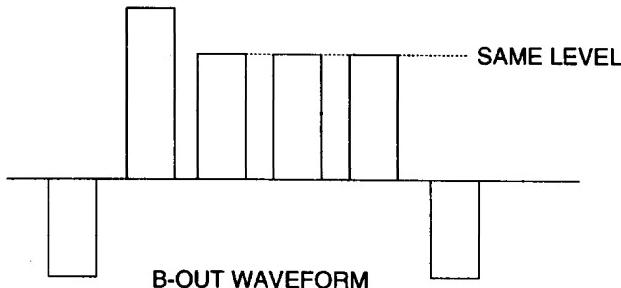
Should be adjusted twice 4:3 and 16:9 mode.

**SUB BRIGHTNESS ADJUSTMENT**

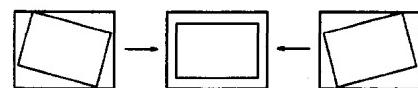
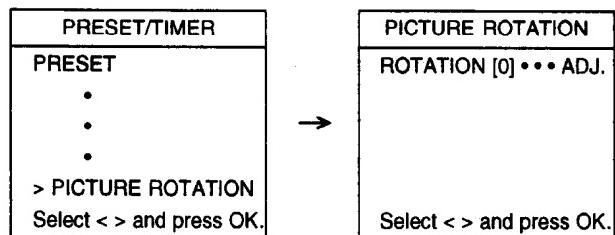
1. Input Phillips pattern.
2. Enter into service mode and press 23.
3. Adjust data so that 0-IRE of the grey scale and CUT-OFF 20-IRE glitter slightly.

**SUB COLOR ADJUSTMENT**

1. Input PAL color bar.
2. Connect an oscilloscope to CN0403 ③ pin (B IN) on the C board.
3. Enter into service mode and press 33 of TDA4780, SUB COLOR.
4. Adjust data so that the right sides of the waveform will be the same.

**PICTURE ROTATION**

1. Input PAL color bar.
2. Enter into service mode.
3. Press the **MENU** button of the commander to get the menu on screen.
4. Press the **[** and **]** buttons of the commander and move > to PRESET/TIMER.

**STEREO-SEPARATION ADJUSTMENT**

1. Input 1 kHz stereo signal to the L-ch and 400Hz stereo signal to the R-ch.
2. Enter into service mode.
3. Adjust data so that sound does not leak to the R-ch and the L-ch.

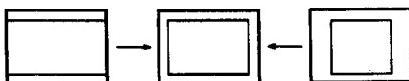
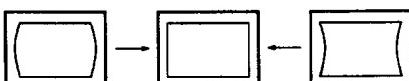
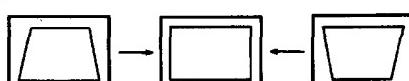
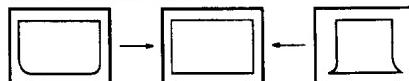
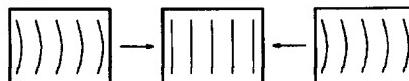
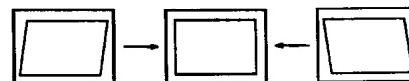
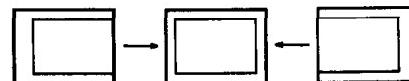
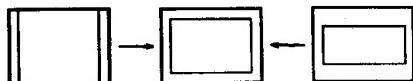
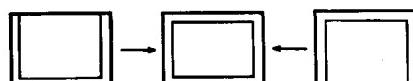
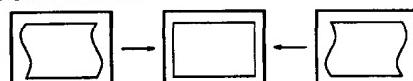
**DRIVE AND CUT OFF**

See direct test mode list attached and refer to sub brightness or such for adjustment method.

**DEFLECTION SYSTEM ADJUSTMENT**

1. Enter into service mode and select CXD2018.
2. Select and adjust each item in order to get an optimum image.

Item No.	Adjustment item	Data amount
01	V SIZE	ADJ.
02	V SHIFT	ADJ.
03	S CORRECTION	ADJ.
04	V LINEARITY	ADJ.
05	H SIZE	ADJ.
06	PIN AMP	ADJ.
07	TILT	ADJ.
08	UPPER CORNER	ADJ.
09	LOWER CORNER	ADJ.
10	V BOW	ADJ.
11	ANGLE	ADJ.
12	HV COMP. V	13
13	HV COMP. H	8
14	FRAME SHIFT	OFF
15	FREE RUN 60 Hz	OFF
16	SYSTEM 60 Hz	OFF
17	ASPECT WIDE	OFF
18	DOUBLE SCAM	OFF
19	NON INTERLACE	ON
20	H SHIFT	ADJ.
21	NS CORRECT 2R	ADJ.

**H SIZE****PIN AMP****TILT****UPPER CORNER PIN****LOWER CORNER PIN****V BOW****ANGLE****H SHIFT****V SIZE****V SHIFT****S CORRECTION****V LINEARITY**

3. Press **OK** button to write the data.

If menu display may disturb the adjustment press **OK** to clear, to resume it, press **OK** again.

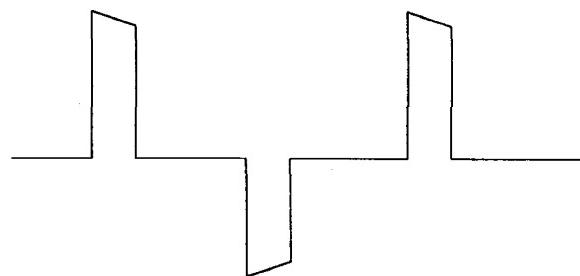
**N/S CORRECT (RV1501)**

(Adjust RV1501)

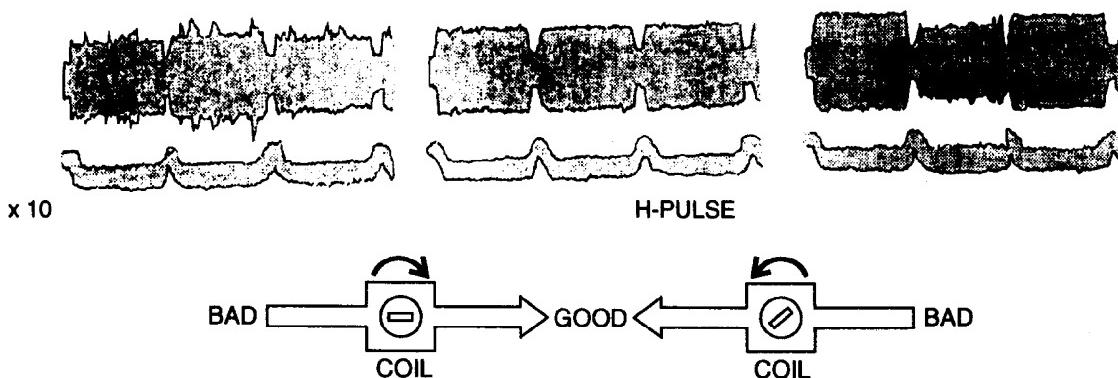


**BELL FILTER ADJUSTMENT L3,L2**

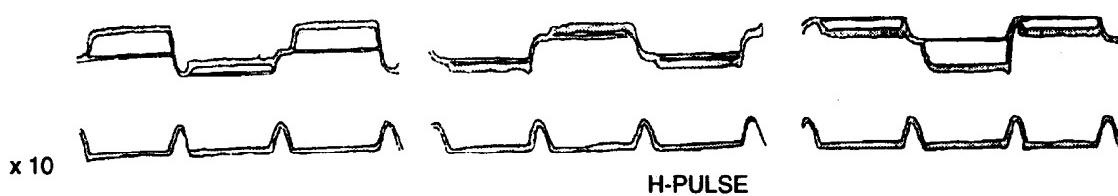
1. Input PHILIPS Signal.
2. Connect an oscilloscope to pin ⑯ of IC1.
3. Adjust L3 (Bell Filter) to get a flat chroma/smooth signal.  
(Photo ① for reference)
4. Connect an oscilloscope to pin ② of IC2.
5. Adjust L2 (B - Y) to get symmetrical transient between (R - Y) → (B - Y) and (B - Y) → (R - Y).  
(Photo ② for reference)
6. Connect pin ⑤ of CN2.
7. Confirm ID flip-flop output signal as below.

**PHOTO ① BELL FILTER ADJUSTMENT (L3)**

< MONITOR PIN ⑯ of IC1  
Connect

**PHOTO ② COL BALANCE ADJUSTMENT (L2)**

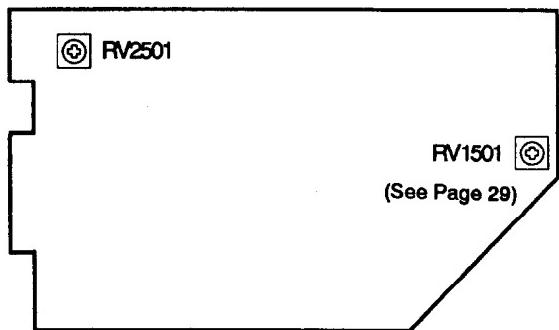
< MONITOR PIN ② of IC1



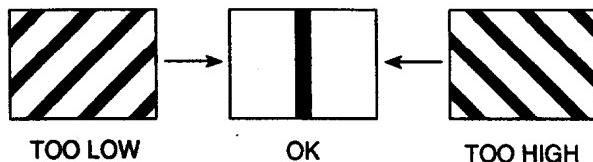
## 4-2. VOLUME ELECTRICAL ADJUSTMENTS

### H.FREQ ADJUSTMENT (RV2501)

D BOARD

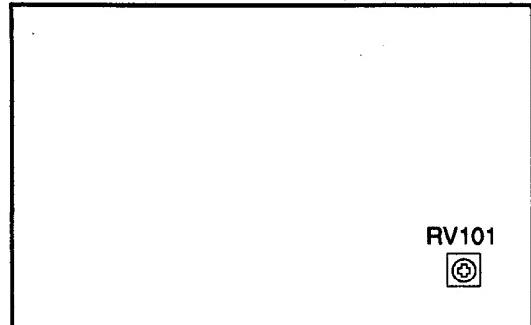


1. Input Philips pattern.
2. Add  $100\mu\text{F}$  16V capacitor in parallel with R2503, to make free run condition.
3. Adjust RV2501 to obtain frequency to  $31.25\text{Hz} \pm 50\text{Hz}$ .



### DET OUT ADJUSTMENT (RV101)

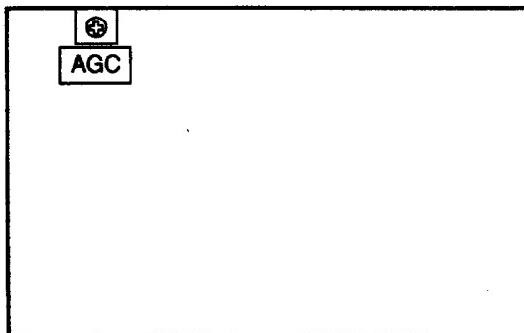
A BOARD (COMPONENT SIDE)



1. Input Philips pattern.
2. Adjust RV101 so that  $1.0\text{Vp-p}$  can be obtained at ⑤ pin of CN109. (A BOARD)

### AGC ADJUSTMENT (IF BLOCK)

A BOARD



1. Receive off-air signal.
2. Adjust AGC VR so that there is no snow noise and cross-modulation.
3. Change receiving channel and confirm status.

### 4-3. TEST MODE 2:

Is available by pressing Test button two times, OSD "TT" appears. The functions described below are available by pressing the two numbers. To release the Test Mode 2, press two times 0, 10, 20 ... or switch TV in Standby Mode.

Holding tow Local Control buttons (+ and -) pressed during Power ON will also switch in "TT" mode.

In TT mode, it is possible Speaker Off button. By pressing 2nd time the Speaker OFF button the menu will appear again. Function is kept even menu is not displayed!!

00	Switch TV back in normal mode - TT mode off	15	Read Factory setting from ROM (Programme Code) and store this data at Last Power Memory data location. (The previous last power memory data is overwritten).  (For Service)  AE2F has 3 packages of Analogue datas: 1. Last Power Memory data. This data is send continuously to the corresponding IC's (TDA4686, TDA9145, TDA6612) with this data the TV picture/sound appears. 2. Reset data. By pressing "Reset" in menu this data is transferred from Reset Data location to the Last Power data location in NVM. That means the previous Last Power Memory Data is overwritten by the Reset data. Last Power memory and Reset data are now the same. 3. Factory fixed data. In the ROM Code of micro processor are also analogue datas which are fixed (ROM can't be changed).
01	Direct access to Picture maximum	16	Save actual Last Power Memory data at Reset Data location. (the previous Reset data are overwritten)  (For Service)
02	Direct access to Picture minimum	15/16	With these two functions, it is possible to preset user defined Reset values (just TT 16) or to preset factory defined Reset values (first TT 15 then TT 16).
03	Set the Volume to 35% (Production request)	17	This function presets the Labels for the AV sources: The Labels are AV1, RGB, AV2, YC2, AV3, VC3, AV4, VC4. (Production request)
04	Set the Volume to 50% (Production request)	18	Text possible On/Off selection of Text (toggle function)
05	Set the Volume to 65% (Production request)	19	Direct access to Stereo Separation. With Cursor Up/Down command the Separation can be adjusted. (no need to select the menu)
06	Set the Volume to 80% (Production request)		
07	no function		
08	Shipping Condition (Production request)  To ensure that all TV sets leave the Production with the same presettings. Programme 1 is selected, AAV IN is set to AV1, AV Out is set to TV Out, Volume and HP Volume is set to 35%. Resolution is set to high. Format is set to 4:3. Pip is set to Top Left position,. Pip is switched off. TT mode is switched off, all analogue values are set to the reset setting (factory setting).		
09	Language reset (Production request)  With this function the "Language Byte" in the NVM (Bank 0AAH Address 0DCH) is erased (set to 0FFH). The Language Menu appears now automatically when the TV set is switched ON as long as no new language is selected.		
10	The TT number will be deleted.  All numbers with 0 (10, 20, 30, 40) will reset the TT number. A new number can be selected. TT display is kept.		
11	Direct access to Balance (Production request)  With Cursor Up/Down the Balance can be controlled (w/o OSD, Menu display).		
12	Direct access to Hue (Production request)  With Cursor Up/Down the Balance can be controlled (w/o OSD, Menu display).		
13	Display of Software Version and TV set configuration.		
14	Adjustment of N/S correction		

20	see TT10  In case of TT functions which give the possibility of "Direct access", the adjustment can be done with Cursor Up/Down commands. After releasing the selected TT function by TT 00 or other TT number the adjusted value is stored automatically.	46	IR Channel Presetting Mode  The channel presetting can be done by a Special IR Transmitter.  Sequence: TT46 -> -- PR Number select display appears Select Prog. No. from where the channels shall be stored. --> Now TV is waiting for IR sequence. <-- --> If no IR transmission starts TT46 is released after 20sec. <--  ! NOTE: when TT46 is active, any IR transmission will be interpret4d as PROG Data!
21	no function	47	Adjustment of MPIP MultiPIP horizontal position
22	no function	48	Adjustment of MPIP MultiPIP vertical position After using TT49 a compliter new adjustment is necessary !!!
23	no function	49	The EEPROM Testbyte is erased. After Power OFF -> ON the complete EEPROM data (except channel tables) are overwritten. EEPROM Protection Byte is set to 0 - protection mode.
24	no function		
25	no function		
26	Text Character Set selection Char set 06 -> West Europe (see 9.24 Text Character Set)		
27	Text Character Set selection Char set 38 -> East Europe (see 9.24 Text Character Set)		
28	Text Character Set selection Char set 40 -> West Europe US English (see 9.24 Text Character Set)		
29	Text Character Set selection Char set 55 -> West Europe Turkish (see 9.24 Text Character Set)		
30	see TT10		
31	Direct access to Red Gain [TDA4780]		
32	Direct access to Green Gain [TDA4780]		
33	Direct access to Blue Gain [TDA4780]		
34	Reserved for TDA4780 Red Level Ref		
35	Reserved for TDA4780 Green Level Ref		
36	Reserved for TDA4780 Blue Level Ref		
37	Direct access to Peak Drive Limit [TDA4780]		
38	Direct access to Gamma Level [TDA4780]		
39	no function		
40	see TT10		
41	TDA4780 is set to default data (almost Center positions)		
42	TDA4780 is set to default data (almost Center positions)		
43	TDA4780 is set to default data (almost Center positions)		
44	ECO 2 is set to default data.		
45	Set NVM to Protect mode (Bank 0AEH Adr. 0FFH write with 0)		

Note: For No. 35 / 36 / 37 / 38 special pressing (AKB, forced Color Mode, Trap) is selected.

After selecting a new Test Mode Number, the AKB is switched ON, the Trap is switched On and TDA9145 is switched to Auto Search Mode.

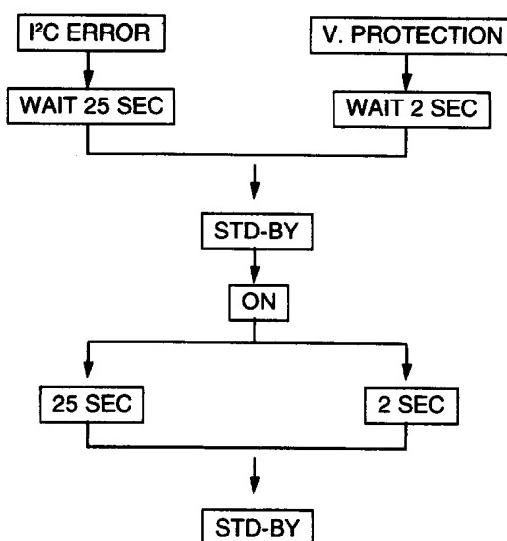
Note: Functions TT 41 / 42 / 43 / 44 are only available when PR 99 is selected, to avoid inadvertently usage. These functions overwrite the complete data package for the selected IC in the EEPROM. After using one of these functions a complete new adjustment of the selected IC is necessary !!!!

In Test Mode 2 the Menu display is switchable by Speaker-Off button.

#### 4-4. ERROR MESSAGE

Self diagnosis system can operate as follows.

- When MP can't get the acknowledgement back from the device, LED starts flashing according to the table as attached.



In case of more errors in parallel, the blinking error shows max. Priority according to the error number (e.g. error 2 and error 5 appears together, then LEDs show error 2).

**TABLE OF ERRORS**

ERROR COUNT	IC TYPE	FUNCTION
1	I²C BUS	SDA low
2	NVM	EEPROM
3	SDA3202	Tuner PII
4	TDA9145	Colour decoder
5	TDA4780	RGB/Jungle
6	TDA6612	Sound processor
7	CXD2018	V deflection
8	CXA1545	AV switch
11	SDA5248	Text
13		V protection

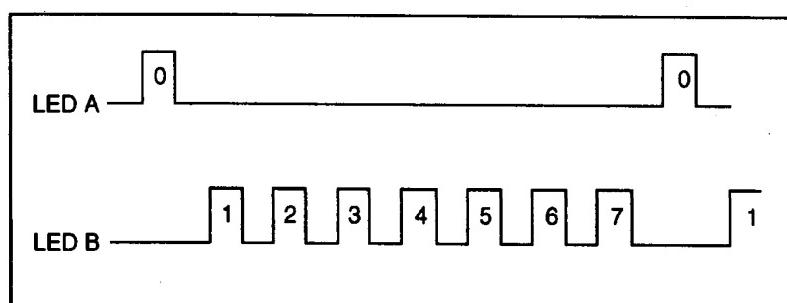
Stand by LED blinking

No IK return

#### 4-5. ERROR I²C BUS DIAGNOSIS SYSTEM IN AE-2F CHASSIS

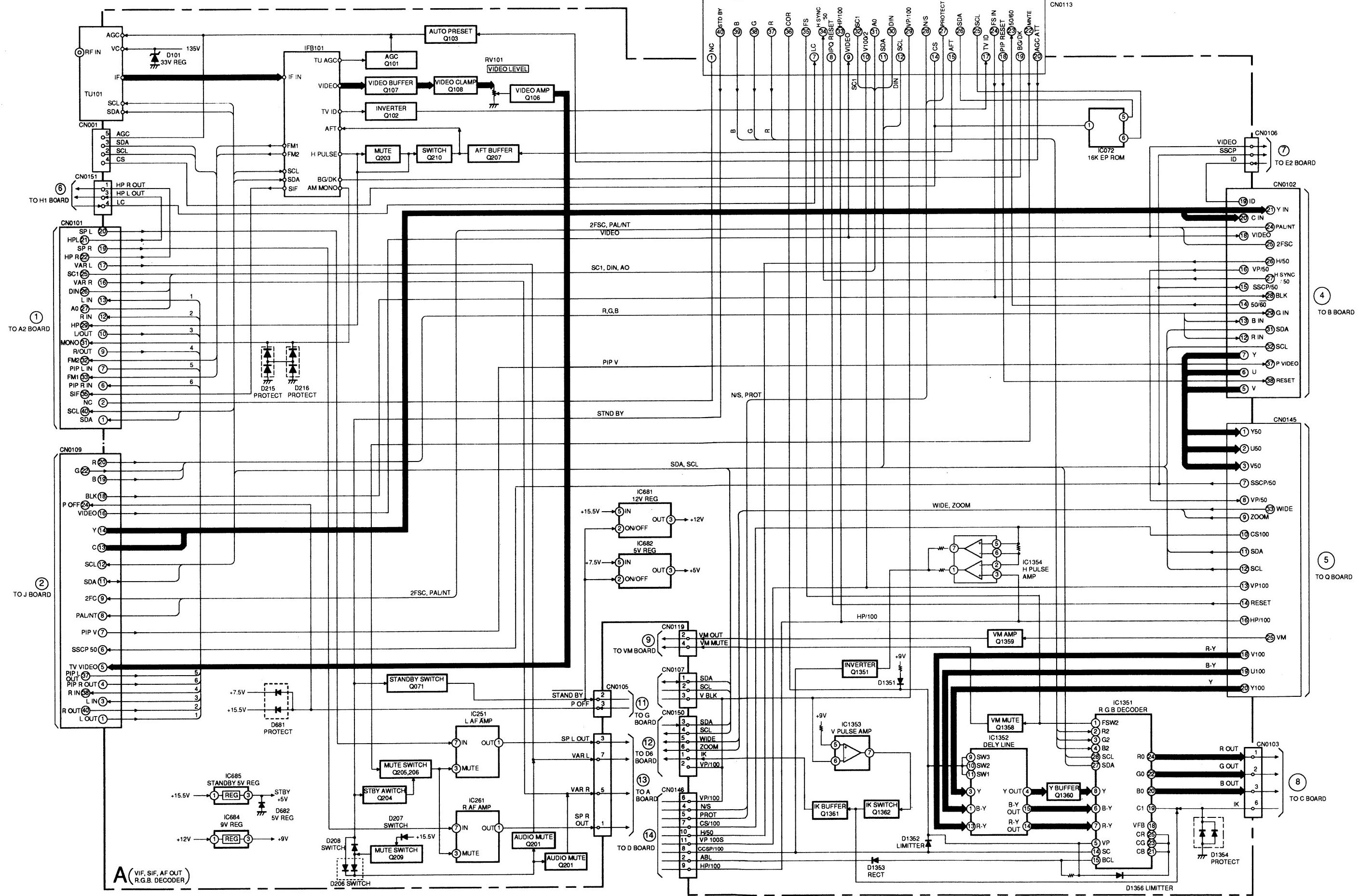
For all ICs in AE-2F chassis which are necessary to get picture and sound there is a built-in error I²C Bus diagnosis system.

In case of no acknowledge bit, LED A and LED B start blinking as shown.

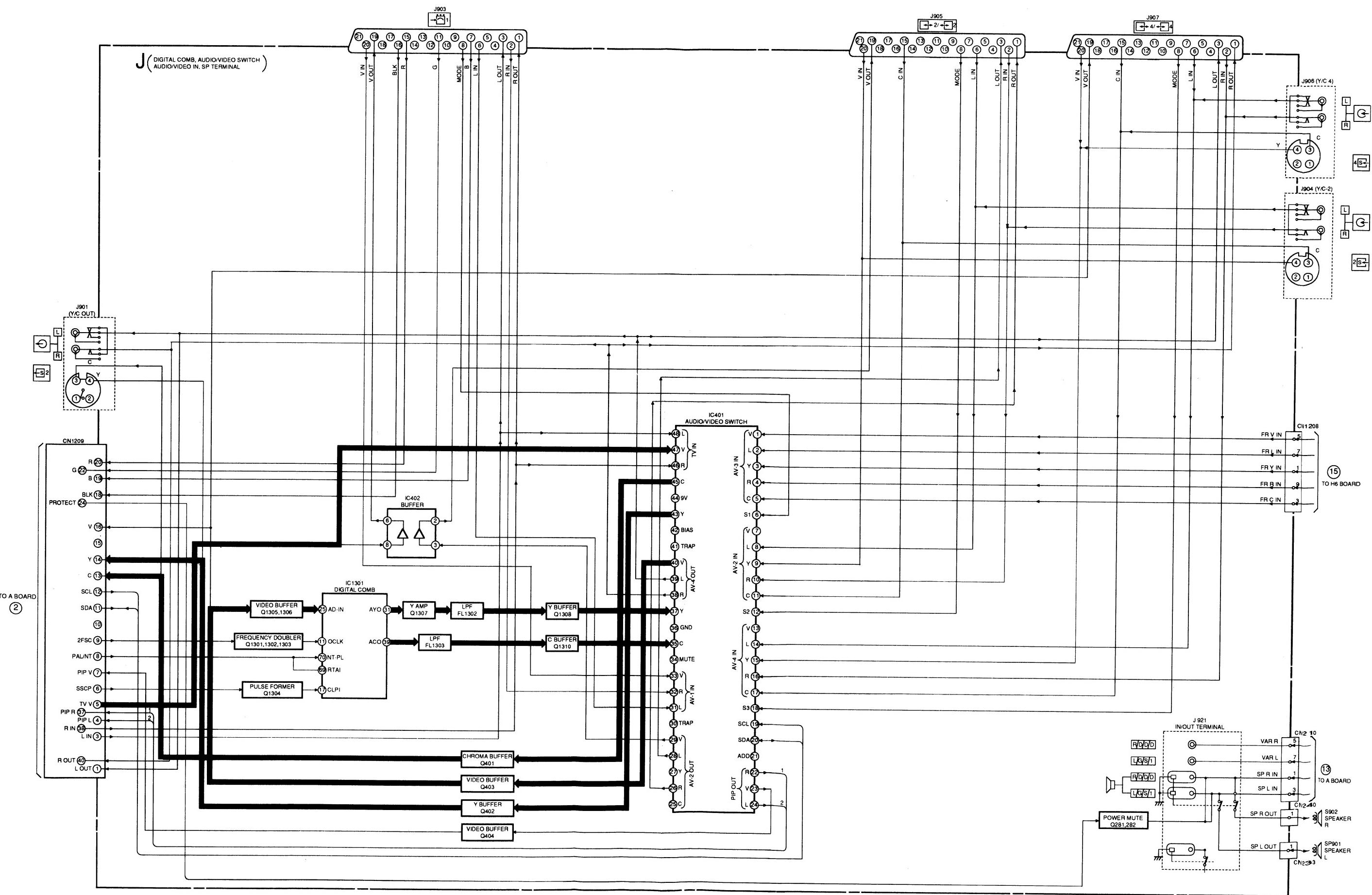


## 5-1. BLOCK DIAGRAMS (1)

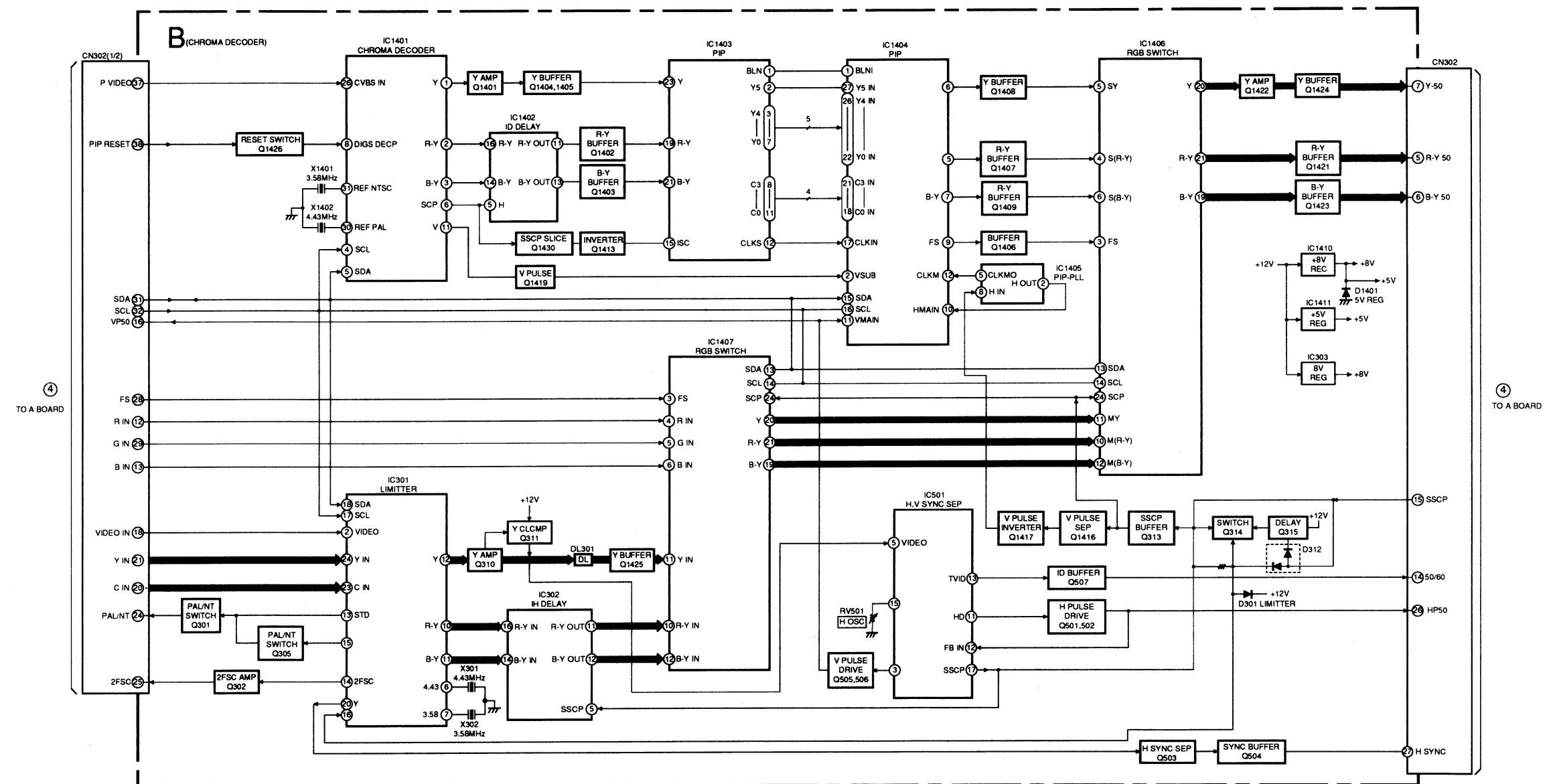
## **DIAGRAMS**



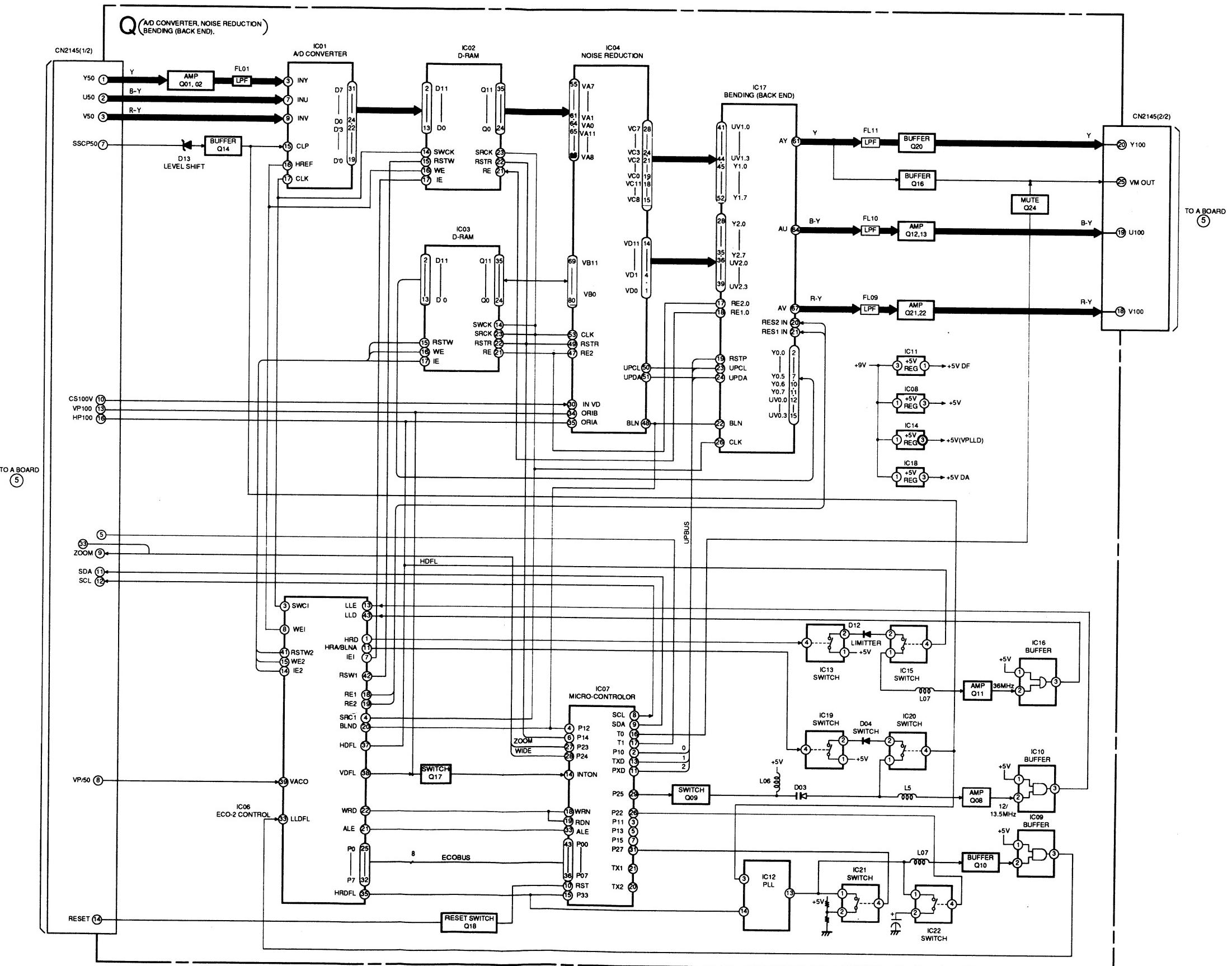
## BLOCK DIAGRAMS (2)



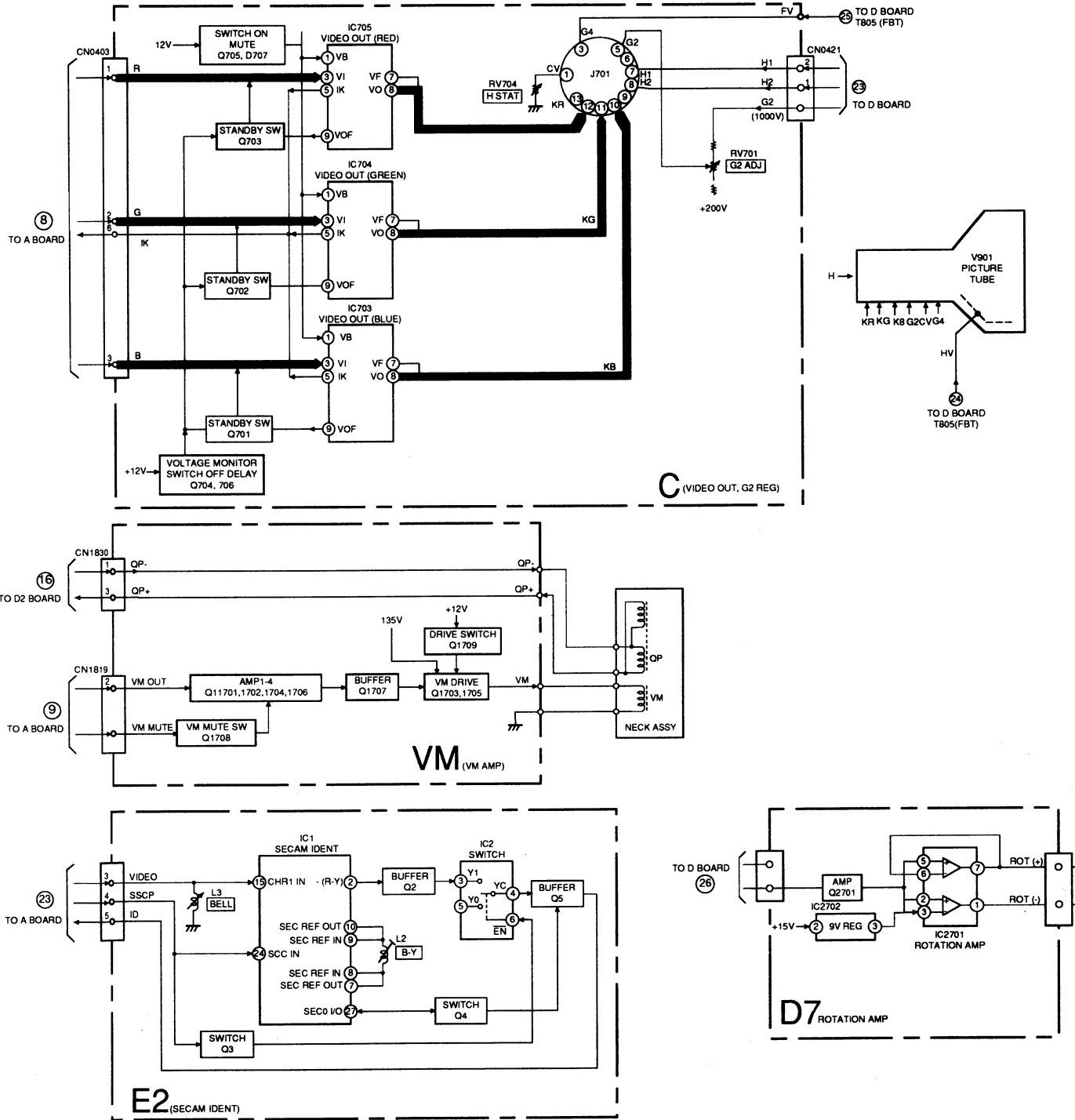
## BLOCK DIAGRAMS (3)



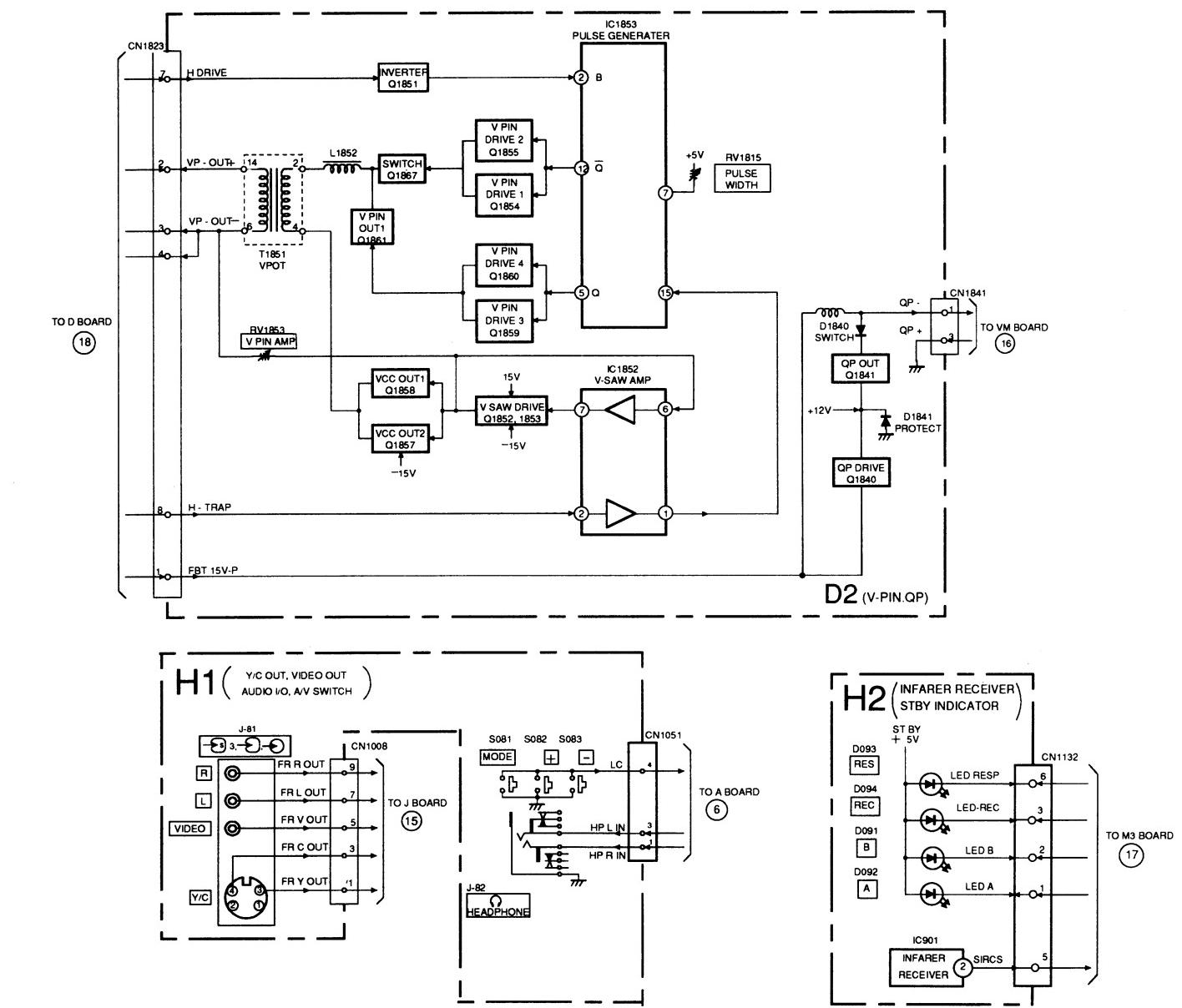
## BLOCK DIAGRAMS (4)



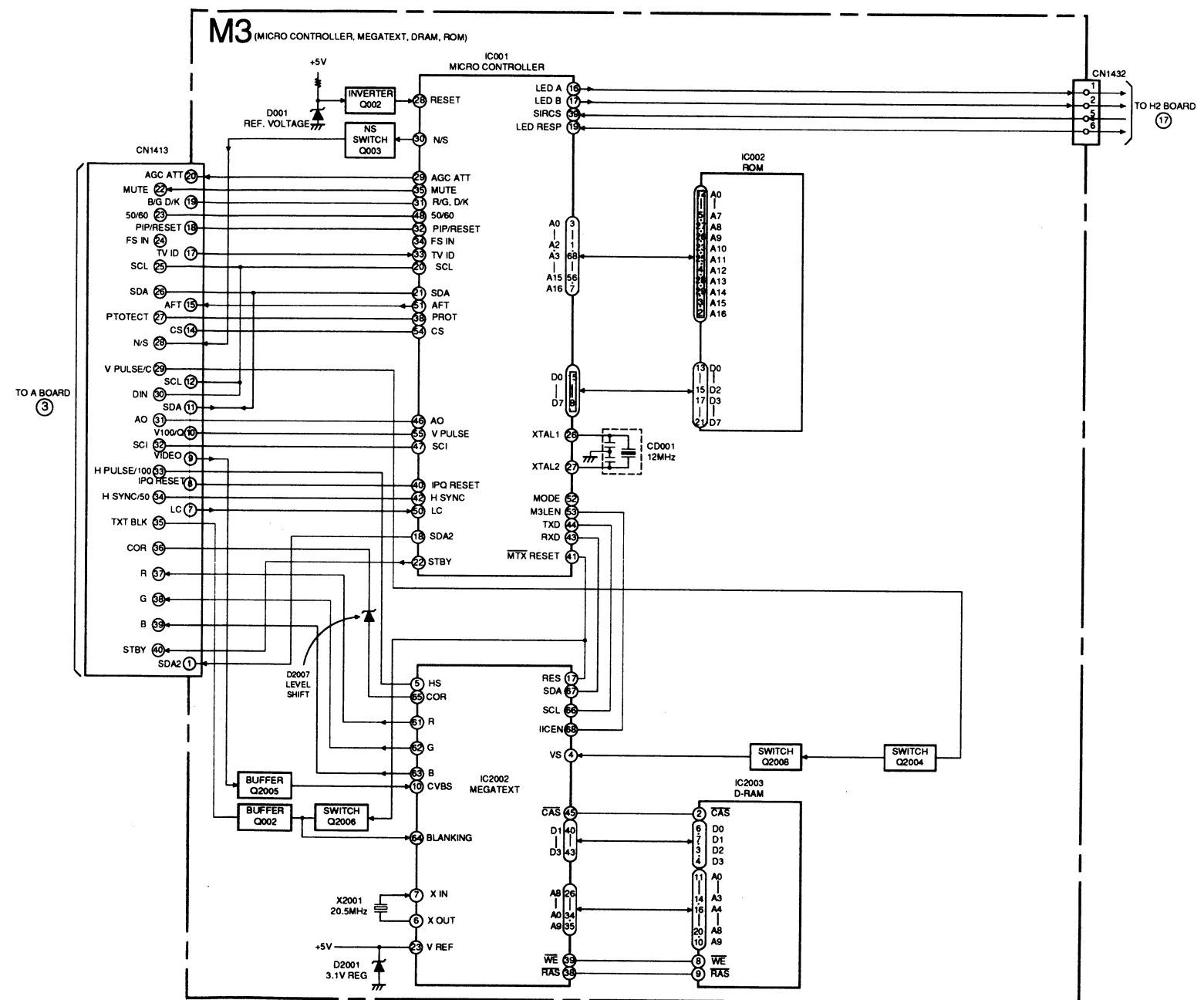
## BLOCK DIAGRAMS (5)



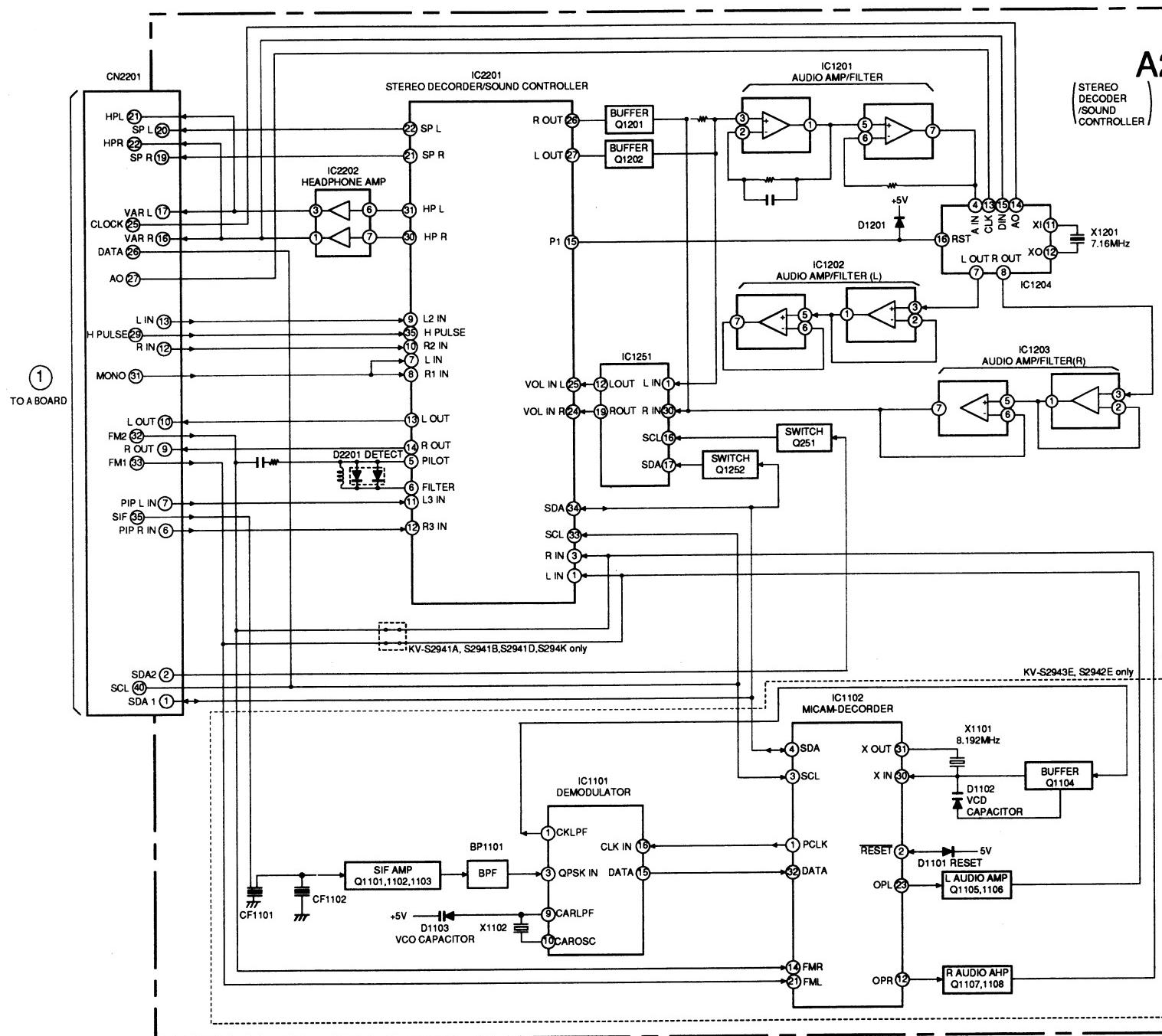
## BLOCK DIAGRAMS (6)



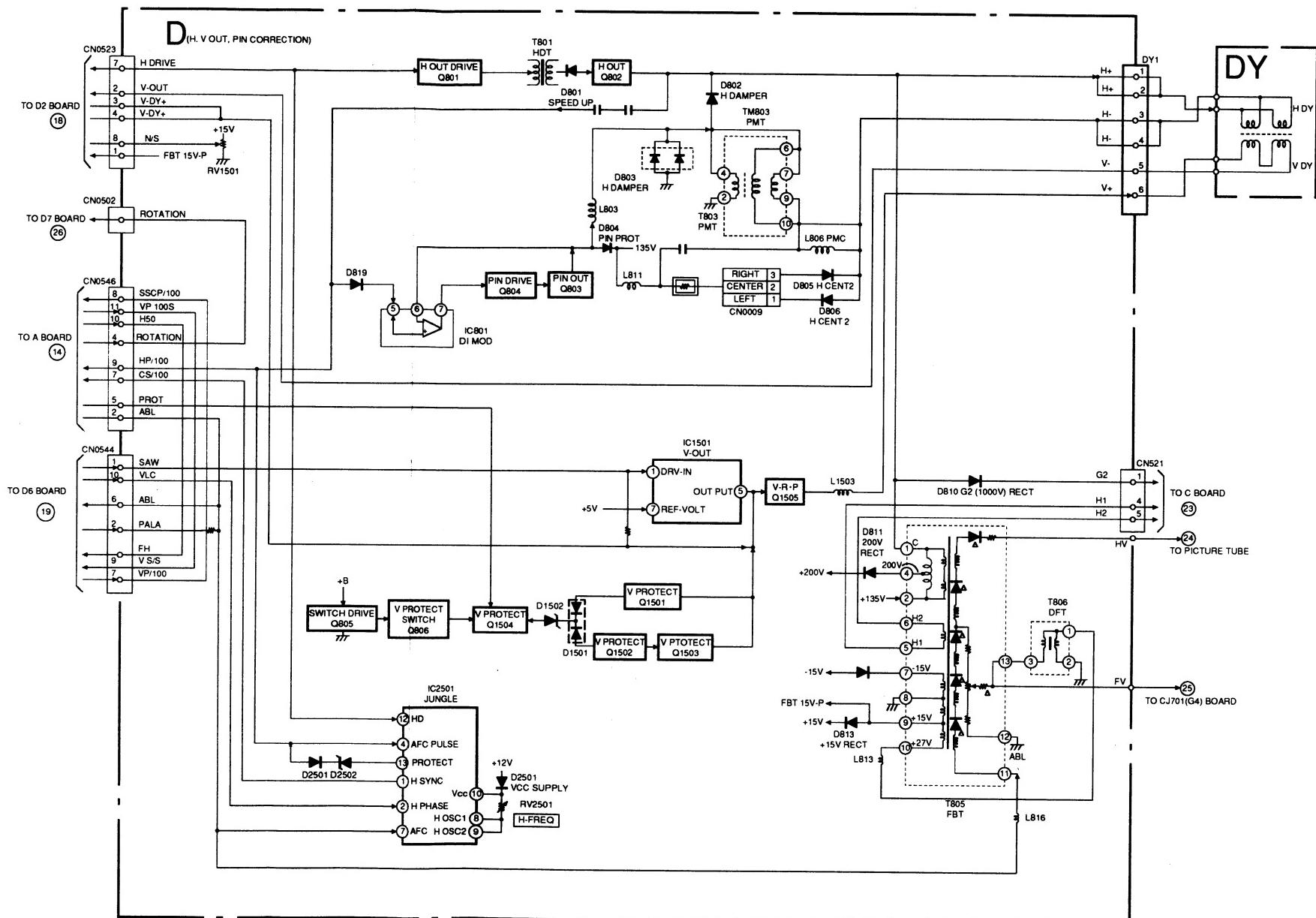
BLOCK DIAGRAMS (7)



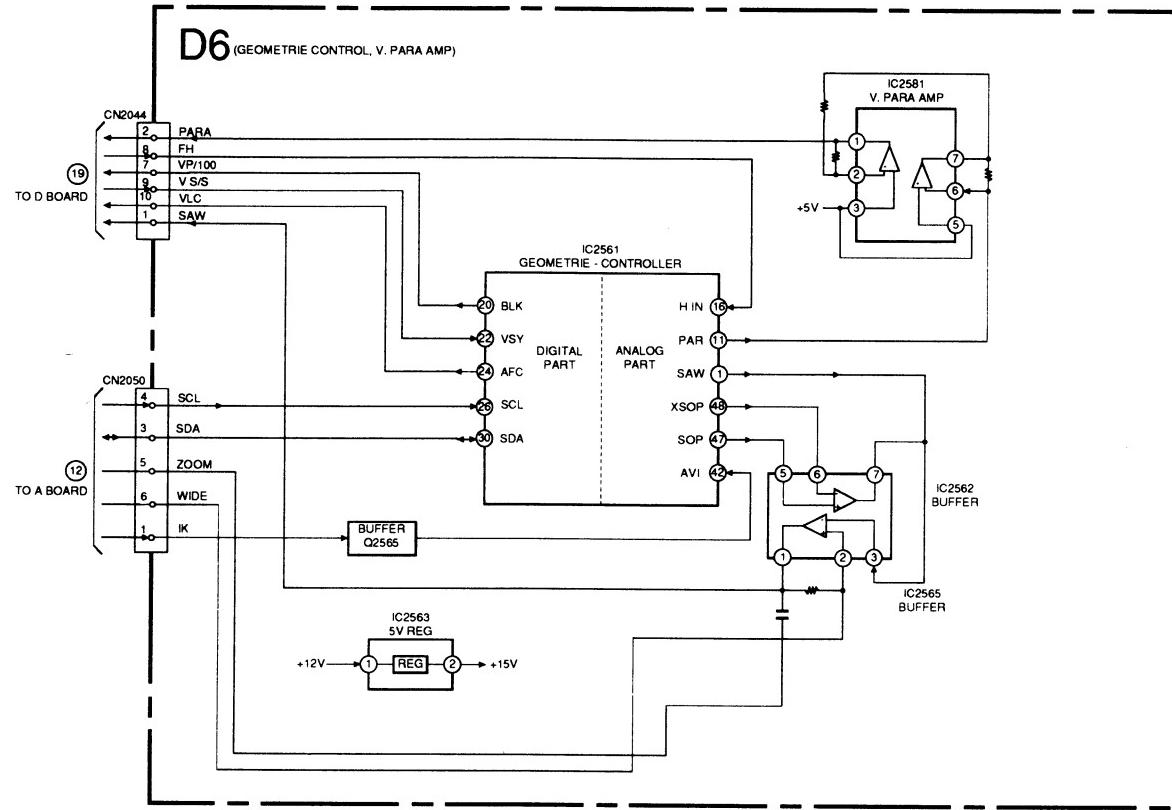
## BLOCK DIAGRAMS (8)



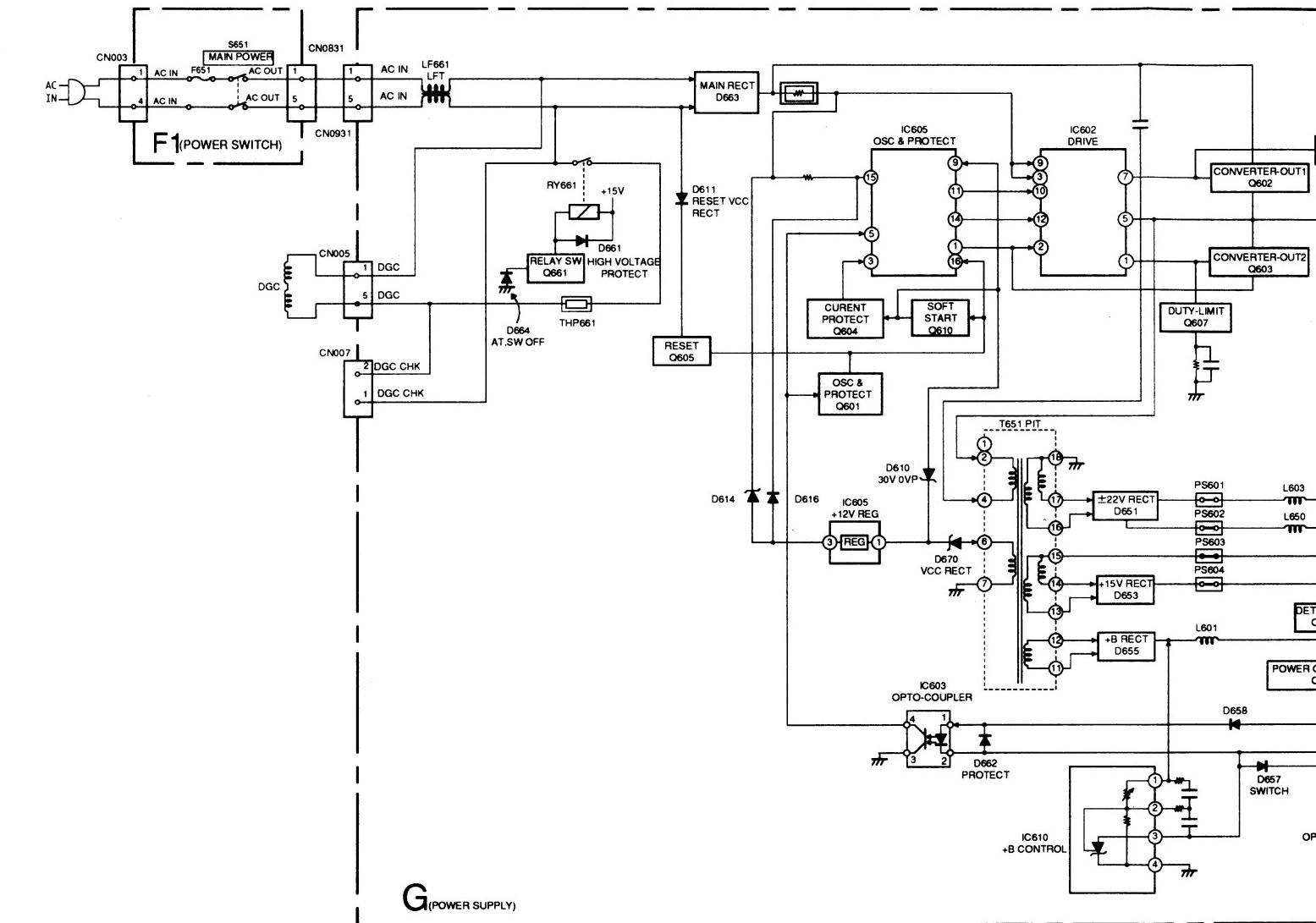
# BLOCK DIAGRAMS (9)

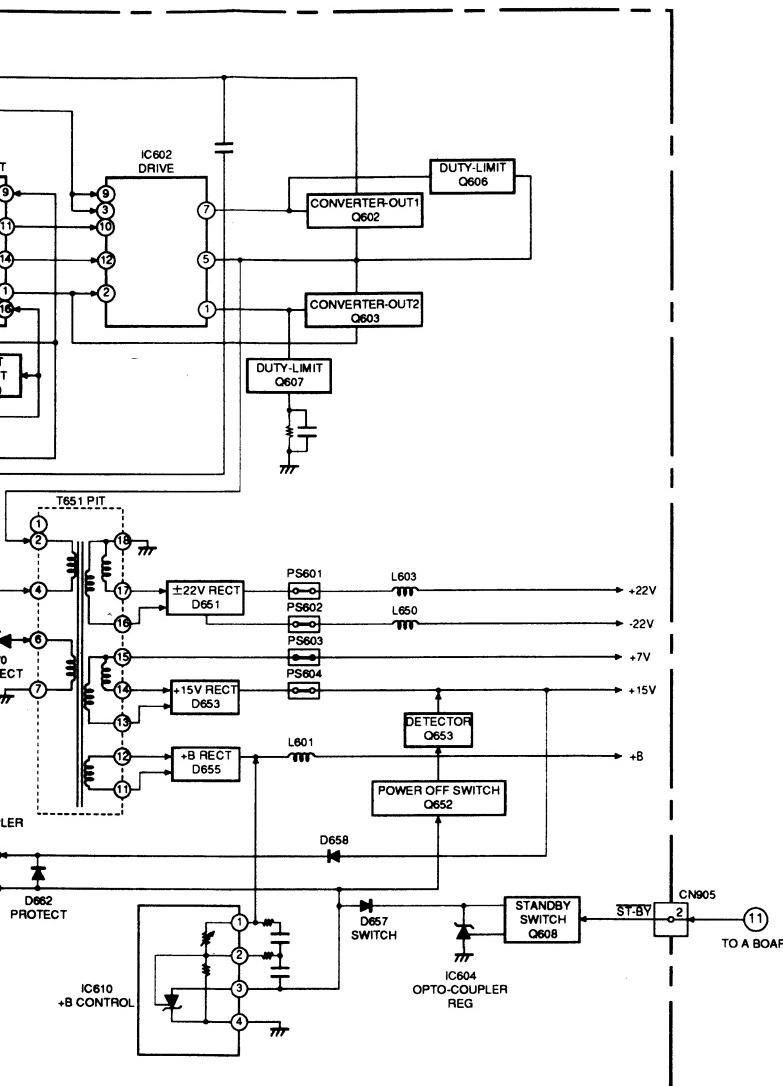


## BLOCK DIAGRAMS (10)

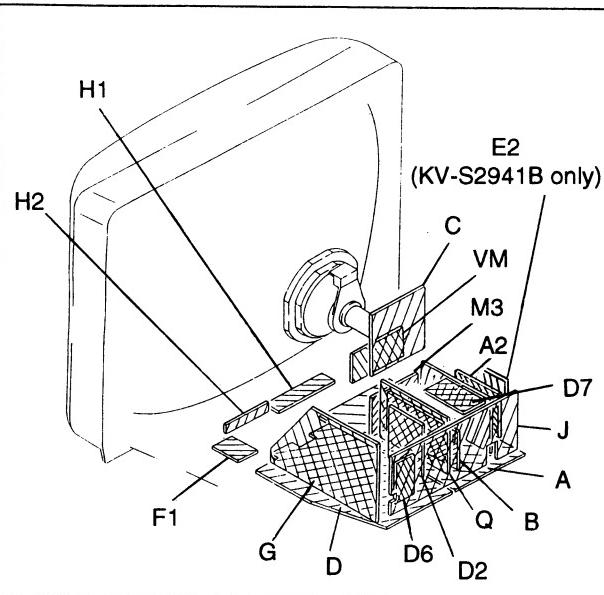


## BLOCK DIAGRAMS (11)





## 5-2. CIRCUIT BOARDS LOCATION



## 5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

### Note:

- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  
 $\mu\text{F}$ :  $\mu\mu\text{F}$  50WV or less are not indicated except for electrolytic and tantalums.
- All electrolys are in 50V unless otherwise specified.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5 mm  
Rating electrical power 1/4W

- Chips resistors are 1/10W.
- All resistors are in ohms.  
 $\text{k}\Omega=1000\Omega$ ,  $\text{M}\Omega=1000\text{K}\Omega$
- $\text{---}$ : nonflammable resistor.
- $\text{---}$ : fusible resistor.
- $\Delta$ : internal component.
- $\square$ : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- $\text{---}$ : earth-ground. (cool)
- $\text{---}$ : earth-chassis. (hot)

- All voltages are in V.
- Voltage are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 M $\Omega$  digital multimeter.
- Readings are taken with a PALcolour-bar signal input.
- Voltage variations may be noted due to normal production tolerance.
- Circled numbers are waveform references.
- $\text{---}$ : B+ line.
- $\text{---}$ : B- line.
- $\text{---}$ : signal path.

### Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RW	NONFLAMMABLE WIREWOUND
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: $\text{\texttimes}$	ADJUSTMENT RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

### Note:

Components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part number specified.

### Note:

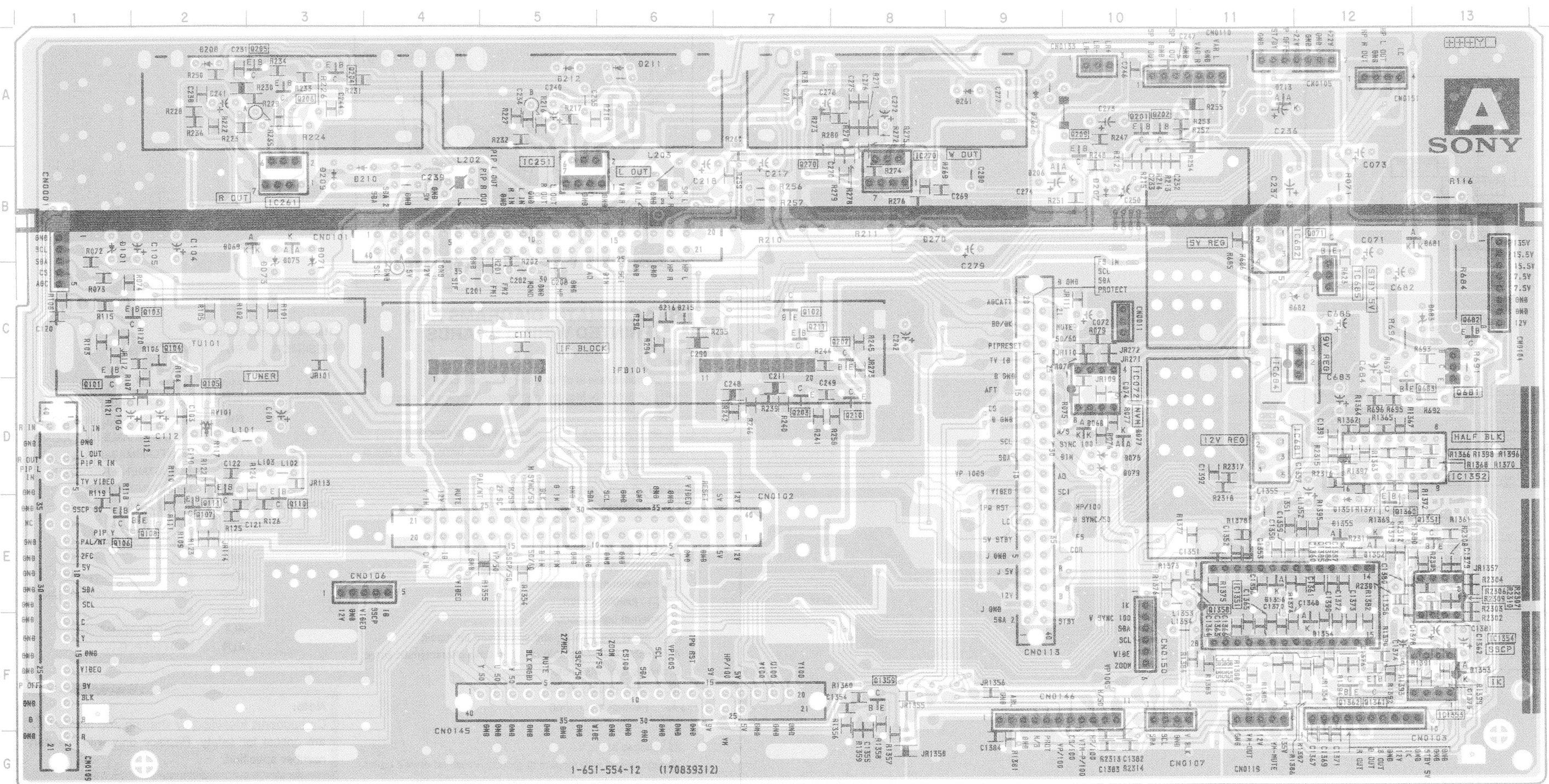
Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

A

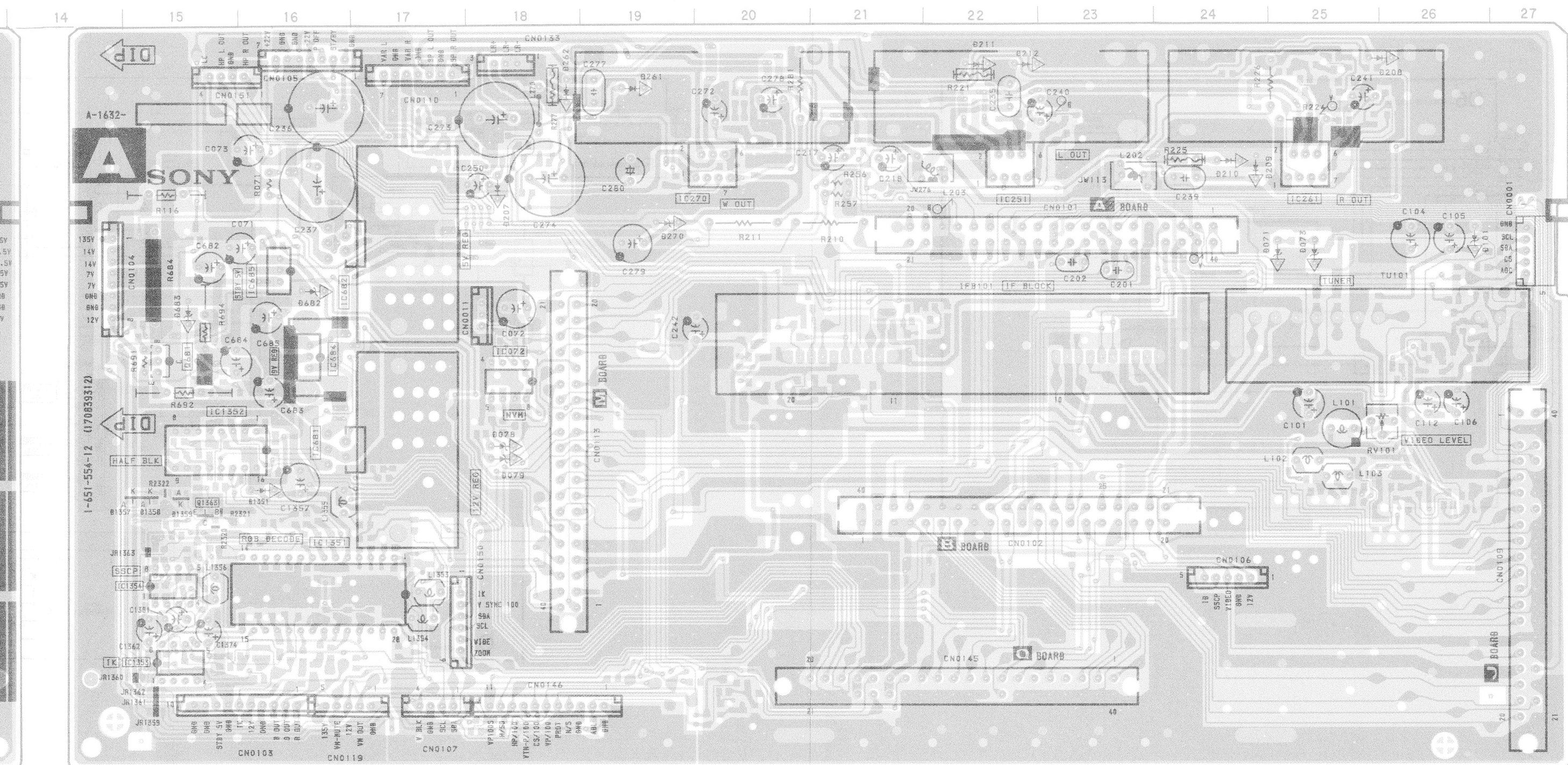
[TUNER, SIF, VIF, RGB RECODER,  
V PULSE AMP, AUDIO AMP]

— A Board — <Conductor Side>

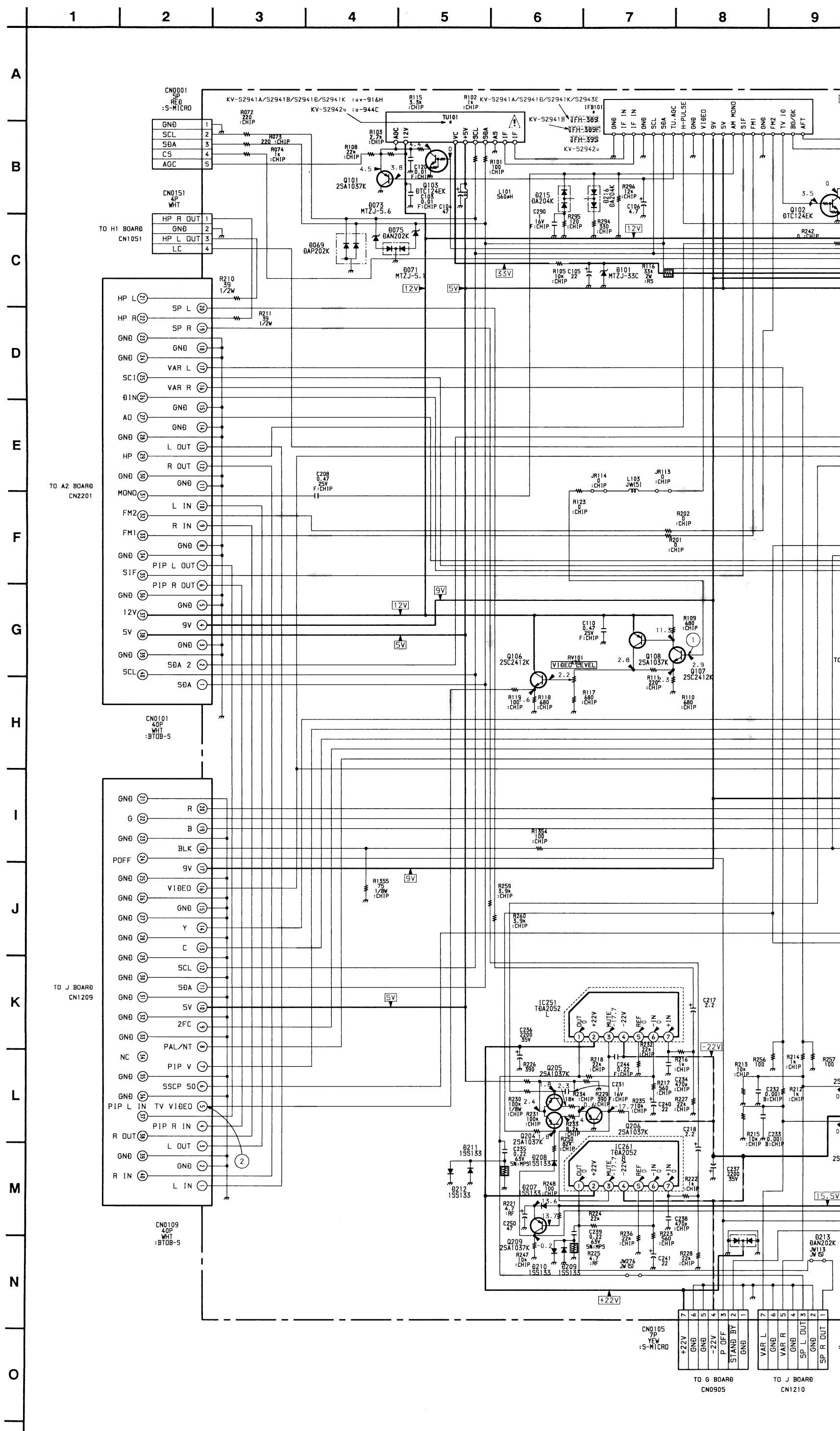
— A Board —

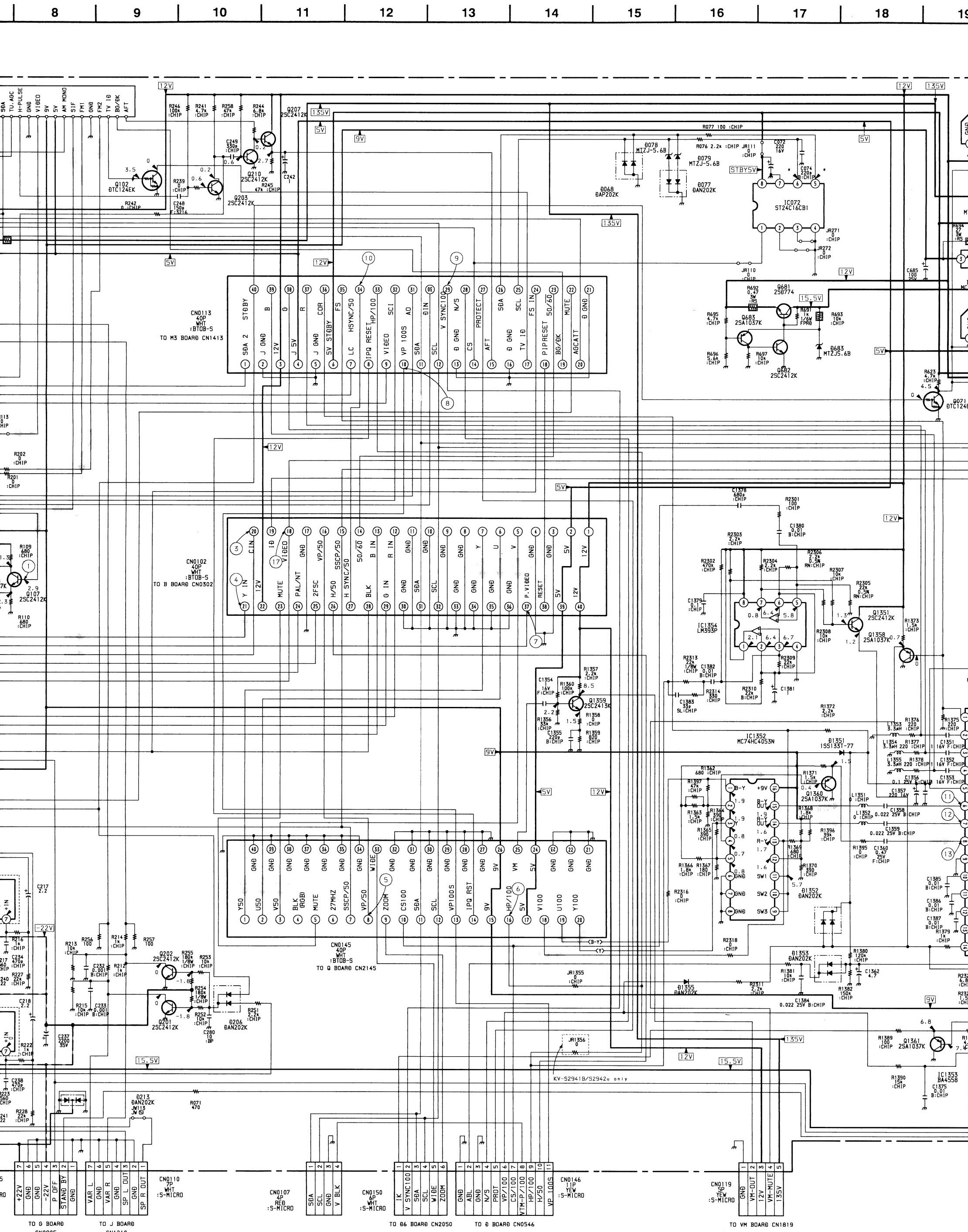


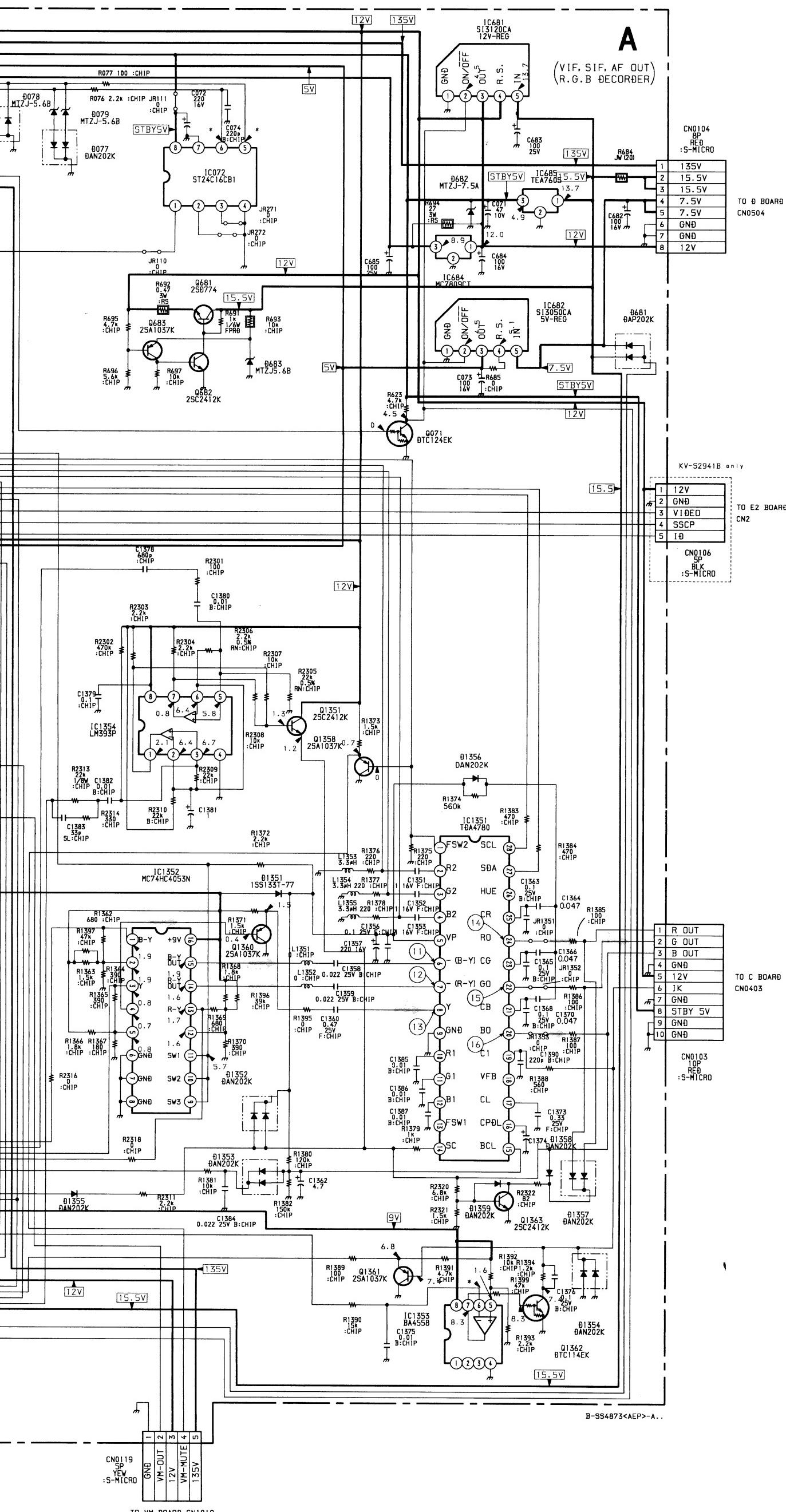
— A Board — <Component Side>



-  : Pattern from the side which enables seeing.
-  : Pattern of the rear side.



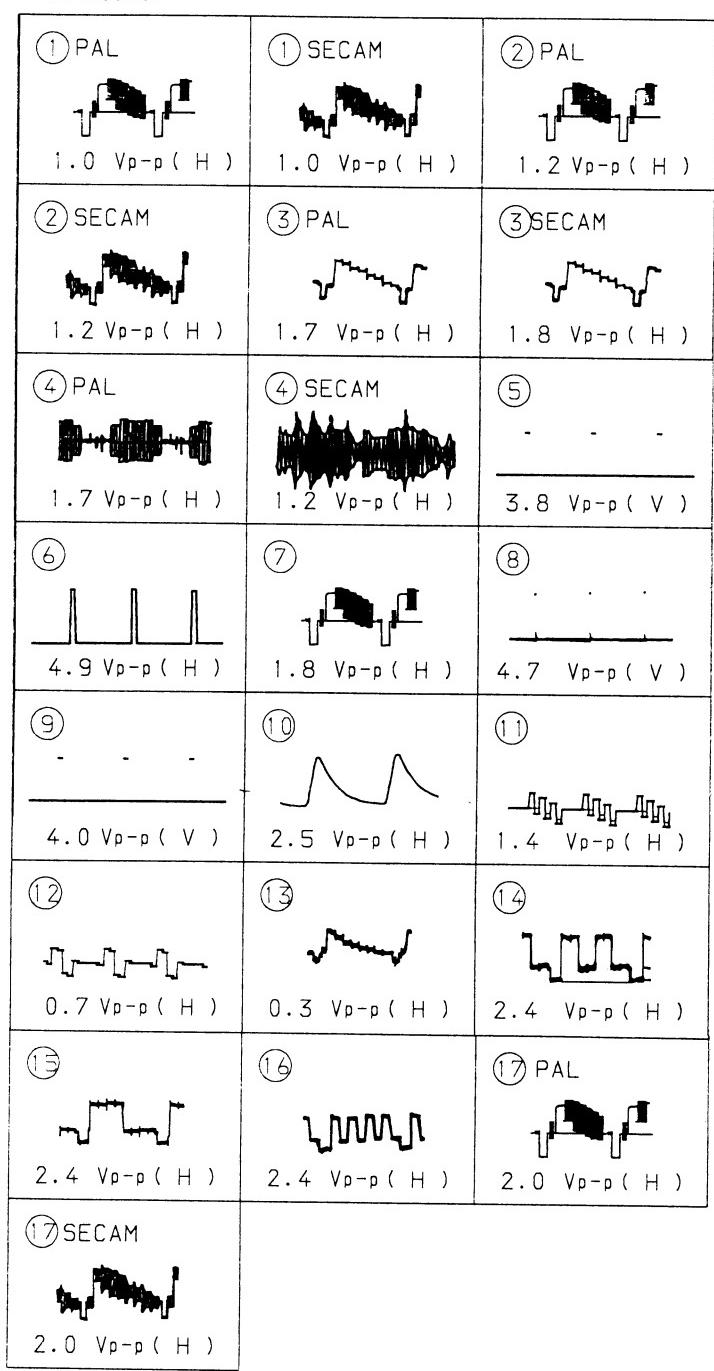




— A Board —

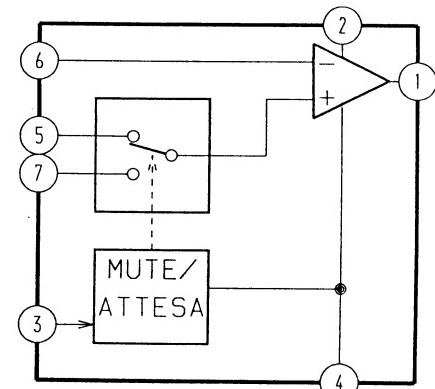
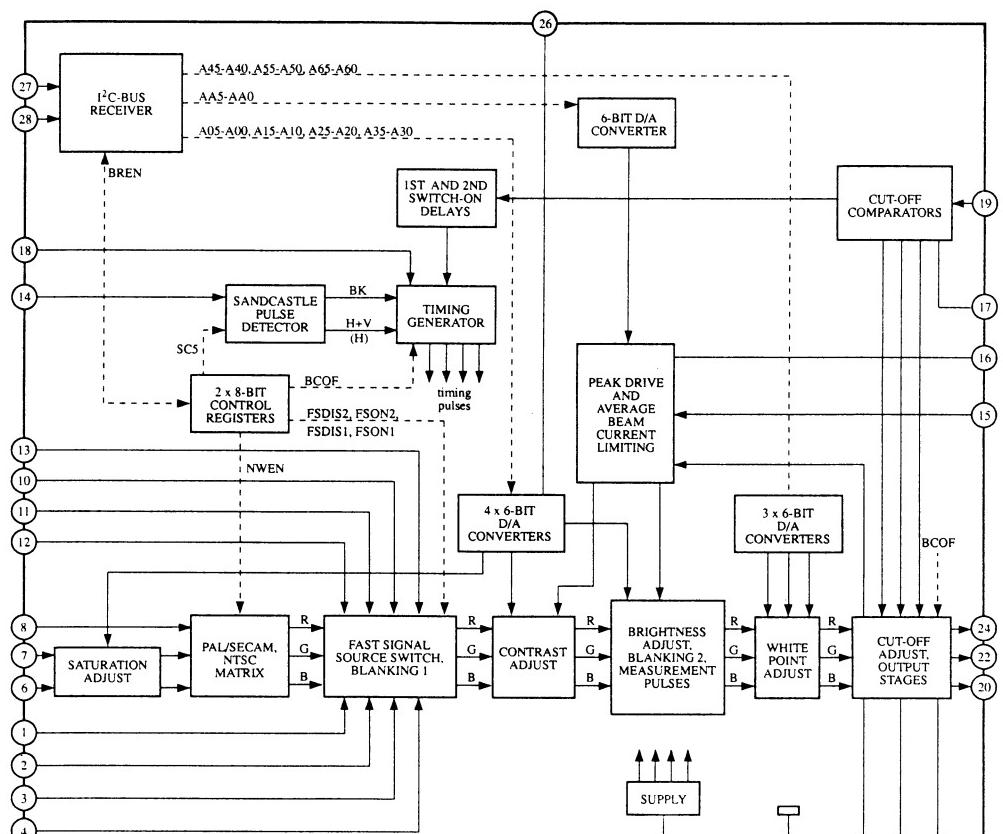
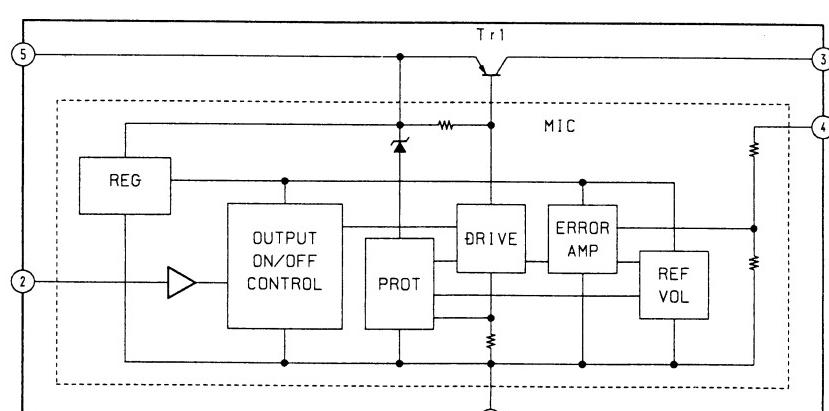
Ref. No.	Name	Function	Ref. No.
IC072	ST24C16CB1	16K EPROM	D068
IC251	TDA2052	AF AMP L	D069
IC261	TDA2052	AF AMP R	D071
IC270	TDA2052	AUDIO AMP F SUB WOOFER	D073
IC681	SI3120CA	12V REG	D075
IC682	SI3050CA	5V REG	D077
IC684	MC7809CT	9V REG	D078
IC685	TEA7605	STDBY 5V REG	D079
IC1351	TDA4780	RGB DECODER	D101
IC1352	MC74HC4053N	DELAY LINE	D206
IC1353	BA4558	V PULSE AMP	D207
IC1354	LM393P	H PULSE AMP	D208
			D209
Q071	DTC124EK	STANDBY SWITCH	D210
Q101	2SA1037K	AGC	D211
Q102	DTC124EK	INVERTER	D212
Q103	DTC124EK	AUTO RESET	D213
Q106	2SC2412K	VIDEO BUFFER	D215
Q107	2SC2412K	VIDEO AMP	D216
Q108	2SA1037K	VIDEO CLAMP	D261
Q201	2SC2412K	MUTE SWITCH	D262
Q202	2SC2412K	MUTE SWITCH	D270
Q203	2SC2412K	H PULSE AMP	D681
Q204	2SA1037K	STANDBY SWITCH	D682
Q205	2SA1037K	MUTE SWITCH	D683
Q206	2SA1037K	MUTE SWITCH	D1351
Q207	2SC2412K	AFT BUFFER	D1352
Q209	2SA1037K	MUTE SWITCH	D1353
Q210	2SC2412K	SWITCH	D1354
Q270	2SC2412K	AUDIO MIX	D1355
Q681	2SD774	REG SWITCH	D1356
Q682	2SC2412K	REG SWITCH	D1357
Q683	2SA1037K	REG SWITCH	D1358
Q1351	2SC2412K	H PULSE BUFFER	D1359
Q1358	2SA1037K	VM MUTE	
Q1359	2SC2412K	VM OUT	
Q1360	2SA1037K	Y BUFFER	
Q1361	2SA1037K	IK BUFFER	
Q1362	DTC114EK	IK SWITCH	
Q1363	2SC2412K	IK AMP	

— A Board —



**— A Board —**

Ref. No.	Name	Function	Ref. No.	Name	Function
IC072	ST24C16CB1	16K EPROM	D068	DAP202K	PROTECTOR
IC251	TDA2052	AF AMP L	D069	DAP202K	PROTECTOR
IC261	TDA2052	AF AMP R	D071	MIJZ-T-77-5,6B	PROTECTOR
IC270	TDA2052	AUDIO AMP F SUB WOOFER	D073	MIJZ-T-77-5,6B	PROTECTOR
IC681	SI3120CA	12V REG	D075	DAN202K	PROTECTOR
IC682	SI3050CA	5V REG	D077	DAN202K	PROTECTOR
IC684	MC7809CT	9V REG	D078	MTJZ-T-77-5,6B	PROTECTOR
IC685	TEA7605	STDBY 5V REG	D079	MTJZ-T-77-5,6B	PROTECTOR
IC1351	TDA4780	RGB DECODER	D101	MTZJ-T-77-33C	+33V REG
IC1352	MC74HC4053N	DELAY LINE	D206	DAN202K	MUTE
IC1353	BA4558	V PULSE AMP	D207	1SS133T	SWITCH
IC1354	LM393P	H PULSE AMP	D208	1SS133T	SWITCH
			D209	1SS133T	PROTECT
Q071	DTC124EK	STANDBY SWITCH	D210	1SS133T	PROTECT
Q101	2SA1037K	AGC	D211	1SS133T	PROTECT
Q102	DTC124EK	INVERTER	D212	1SS133T	PROTECT
Q103	DTC124EK	AUTO RESET	D213	DAN202K	PROTECT
Q106	2SC2412K	VIDEO BUFFER	D215	DA204K	PROTECT
Q107	2SC2412K	VIDEO AMP	D216	DA204K	PROTECT
Q108	2SA1037K	VIDEO CLAMP	D261	1SS133T	PROTECT
Q201	2SC2412K	MUTE SWITCH	D262	1SS133T	PROTECT
Q202	2SC2412K	MUTE SWITCH	D270	MTZJ-T-77-9,1	PROTECT
Q203	2SC2412K	H PULSE AMP	D681	DAP202K	PROTECT
Q204	2SA1037K	STANDBY SWITCH	D682	MTZJ-T-77-7,5A	5V REG REF
Q205	2SA1037K	MUTE SWITCH	D683	MTZJ-T-77-5,6B	REF
Q206	2SA1037K	MUTE SWITCH	D1351	1SS133T	8V REG REF
Q207	2SC2412K	AFT BUFFER	D1352	DAN202K	LIMITTER
Q209	2SA1037K	MUTE SWITCH	D1353	DAN202K	RECT
Q210	2SC2412K	SWITCH	D1354	DAN202K	PROTECT
Q270	2SC2412K	AUDIO MIX	D1355	DAN202K	SWITCH
Q681	2SD774	REG SWITCH	D1356	DAN202K	LIMITTER
Q682	2SC2412K	REG SWITCH	D1357	DAN202K	LIMITTER
Q683	2SA1037K	REG SWITCH	D1358	DAN202K	LIMITTER
Q1351	2SC2412K	H PULSE BUFFER	D1359	DAN202K	SWITCH
Q1358	2SA1037K	VM MUTE			
Q1359	2SC2412K	VM OUT			
Q1360	2SA1037K	Y BUFFER			
Q1361	2SA1037K	IK BUFFER			
Q1362	DTC114EK	IK SWITCH			
Q1363	2SC2412K	IK AMP			

**A BOARD IC251,261,270 TDA2052****A BOARD IC1351 TDA4780****A BOARD IC681 SI3120CA**

Schematic diagram

← A board

→ 63

Schematic diagram

J board →

A

B

C

D

E

F

G

H

I

J

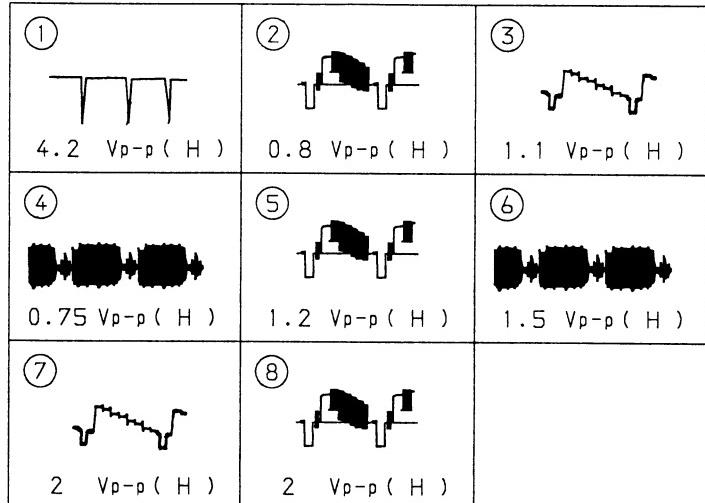
K

L

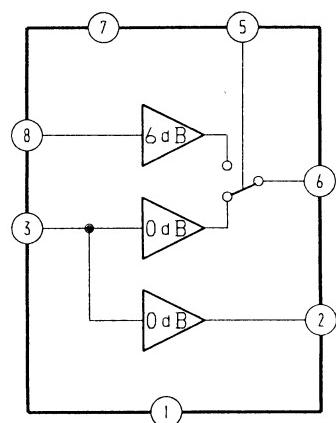
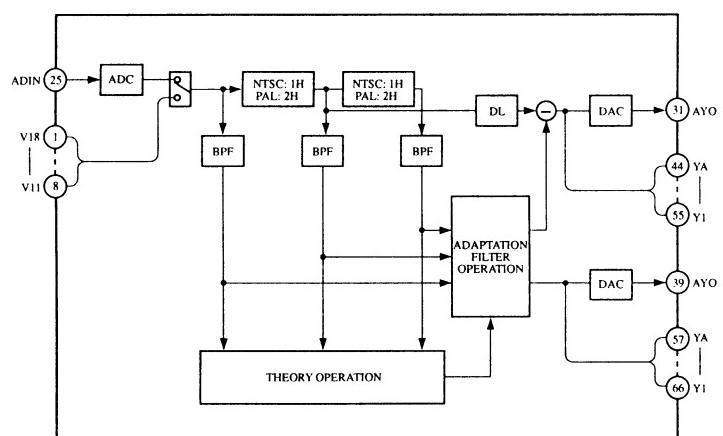
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O

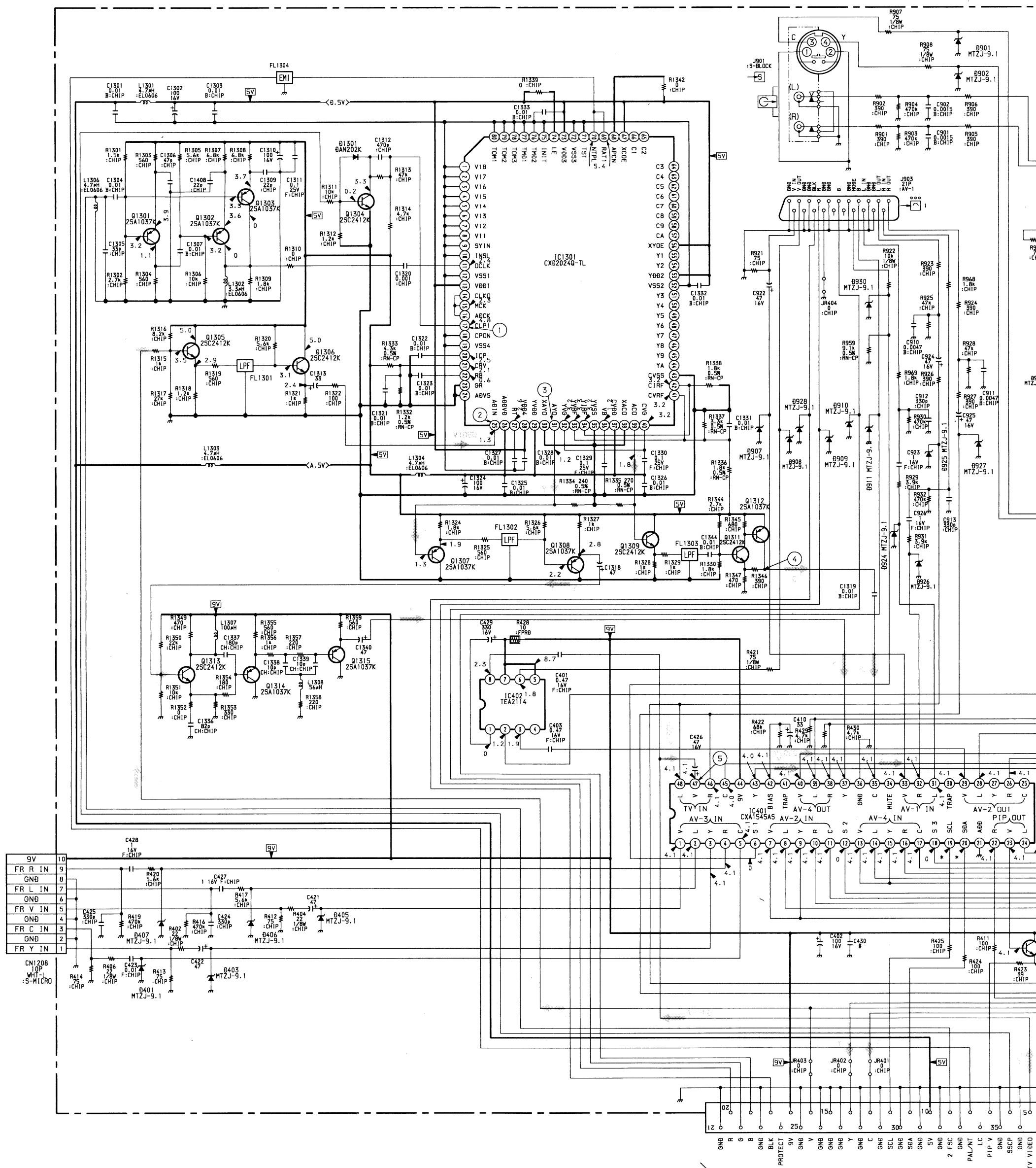
**— J Board —****— J Board —**

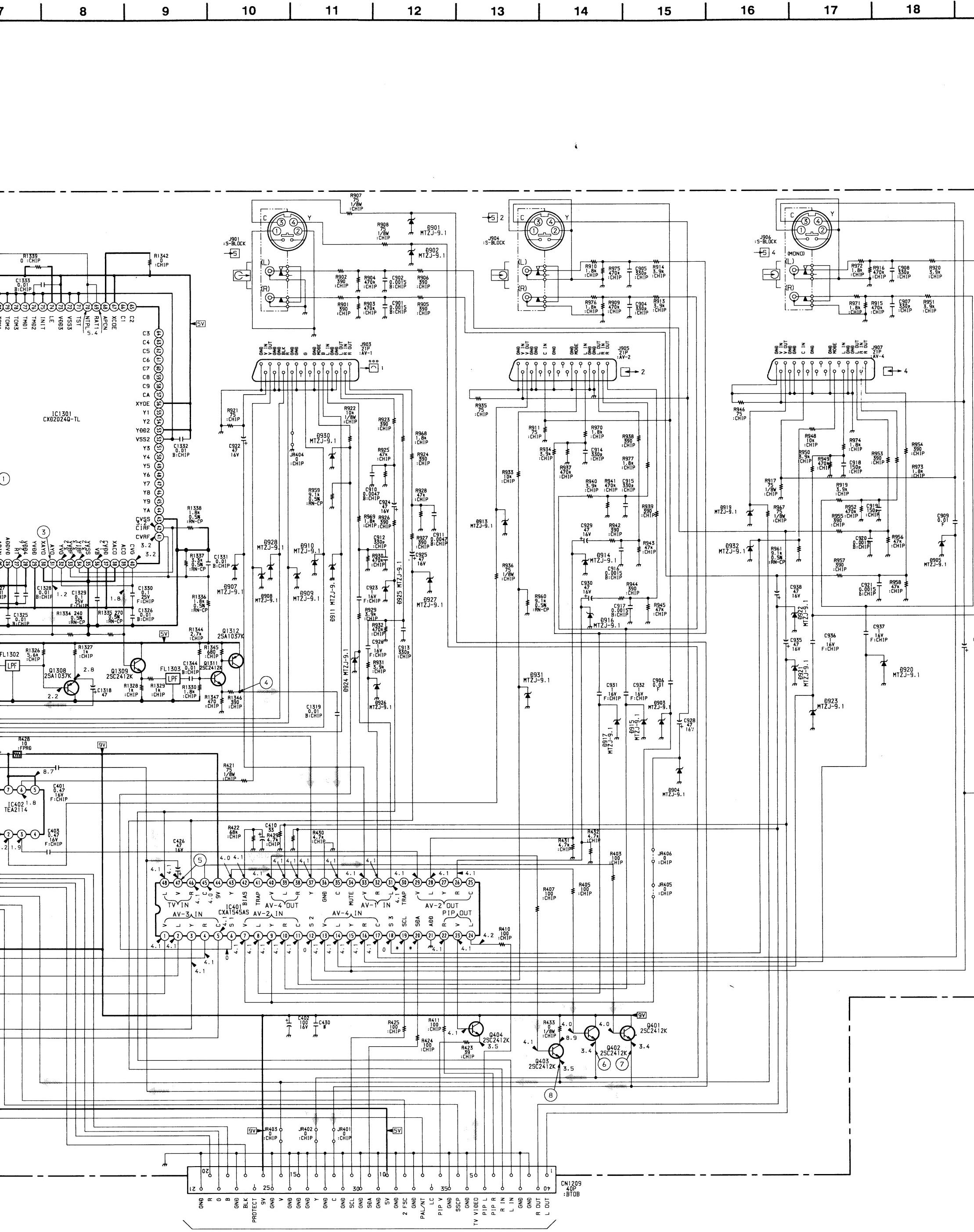
Ref. No.	Name	Function
IC401	CXA1545AS	A/V SWITCH
IC402	TEA2114	BUFFER
IC1301	CXD2024Q-TL	DIGITAL COMB
Q401	2SC2412K	CHROMA BUFFER
Q402	2SC2412K	Y BUFFER
Q403	2SC2412K	VIDEO BUFFER
Q404	2SC2412K	VIDEO BUFFER
Q1301	2SA1037K	FREQUENCY DOUBLER
Q1302	2SA1037K	FREQUENCY DOUBLER
Q1303	2SA1037K	FREQUENCY DOUBLER
Q1304	2SC2412K	PULSE FORMER
Q1305	2SC2412K	VIDEO BUFFER
Q1306	2SC2412K	VIDEO BUFFER
Q1307	2SA1037K	Y AMP
Q1308	2SA1037K	Y BUFFER
Q1309	2SC2412K	CHROMA AMP
Q1311	2SC2412K	CHROMA BUFFER
Q1312	2SA1037K	CLAMP
Q1313	2SC2412K	Y AMP
Q1314	2SA1037K	Y BUFFER
Q1315	2SA1037K	Y BUFFER
D401	MTZJ-9.1	PROTECTOR
D403	MTZJ-9.1	PROTECTOR
D405	MTZJ-9.1	PROTECTOR
D406	MTZJ-9.1	PROTECTOR
D407	MTZJ-9.1	PROTECTOR
D901	MTZJ-9.1	PROTECTOR
D902	MTZJ-9.1	PROTECTOR
D903	MTZJ-9.1	PROTECTOR
D904	MTZJ-9.1	PROTECTOR
D905	MTZJ-9.1	PROTECTOR
D906	MTZJ-9.1	PROTECTOR
D907	MTZJ-9.1	PROTECTOR
D908	MTZJ-9.1	PROTECTOR
D909	MTZJ-9.1	PROTECTOR
D910	MTZJ-9.1	PROTECTOR
D911	MTZJ-9.1	PROTECTOR
D913	MTZJ-9.1	PROTECTOR
D914	MTZJ-9.1	PROTECTOR
D915	MTZJ-9.1	PROTECTOR
D916	MTZJ-9.1	PROTECTOR
D917	MTZJ-9.1	PROTECTOR
D919	MTZJ-9.1	PROTECTOR
D920	MTZJ-9.1	PROTECTOR
D921	MTZJ-9.1	PROTECTOR
D922	MTZJ-9.1	PROTECTOR
D923	MTZJ-9.1	PROTECTOR
D924	MTZJ-9.1	PROTECTOR
D925	MTZJ-9.1	PROTECTOR
D926	MTZJ-9.1	PROTECTOR
D927	MTZJ-9.1	PROTECTOR
D928	MTZJ-9.1	PROTECTOR
D930	MTZJ-9.1	PROTECTOR
D931	MTZJ-9.1	PROTECTOR
D932	MTZJ-9.1	PROTECTOR
D1301	DAN202K	PROTECTOR

**J BOARD IC402 TEA2114****J BOARD IC1301 CXD2024Q-TL**TO H1 BOARD  
CN1008

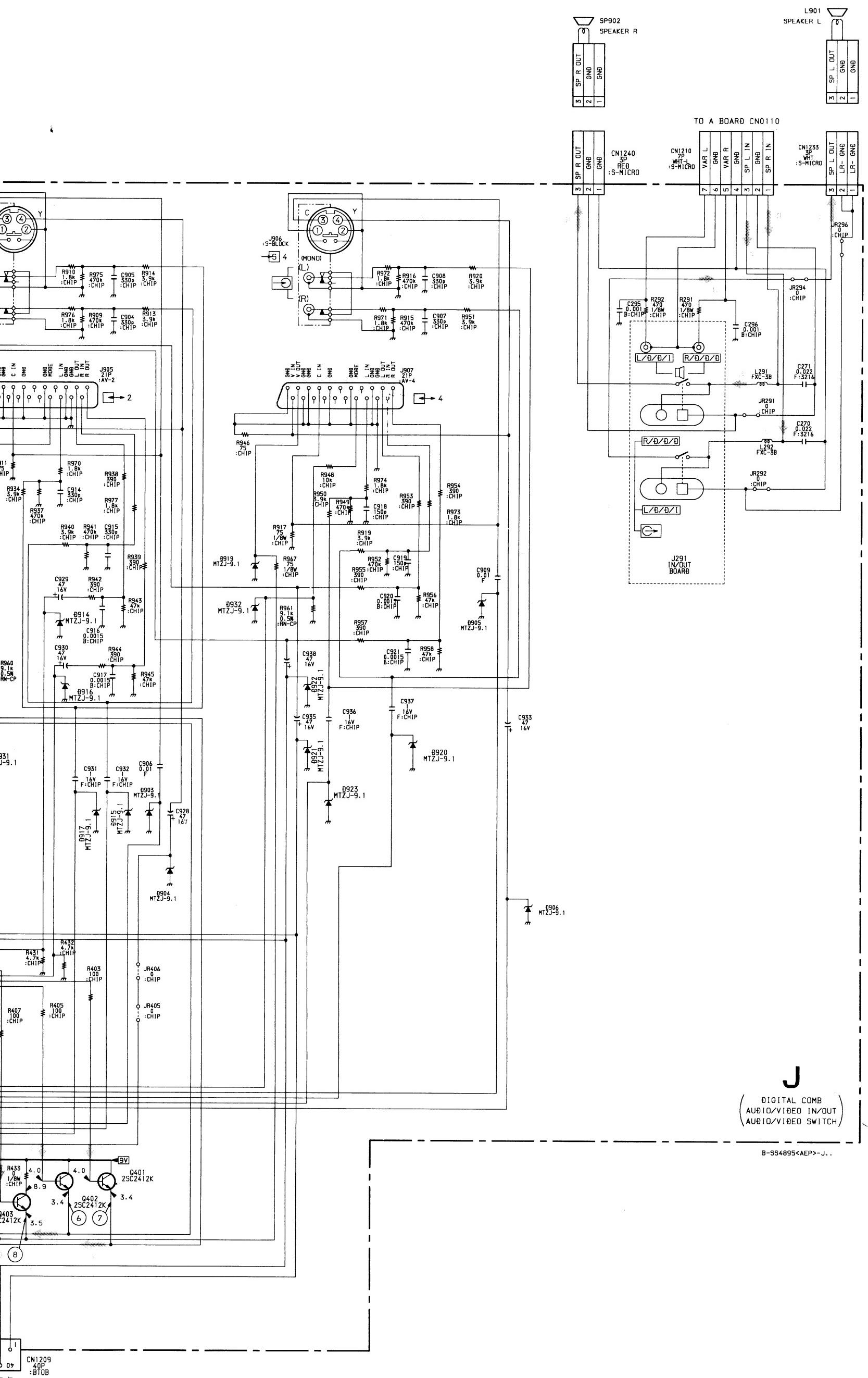
9V
FR R IN
GND
FR L IN
GND
FR V IN
GND
FR C IN
GND
FR Y IN

CN1208  
1OP  
WHT-L  
:S-MICRO



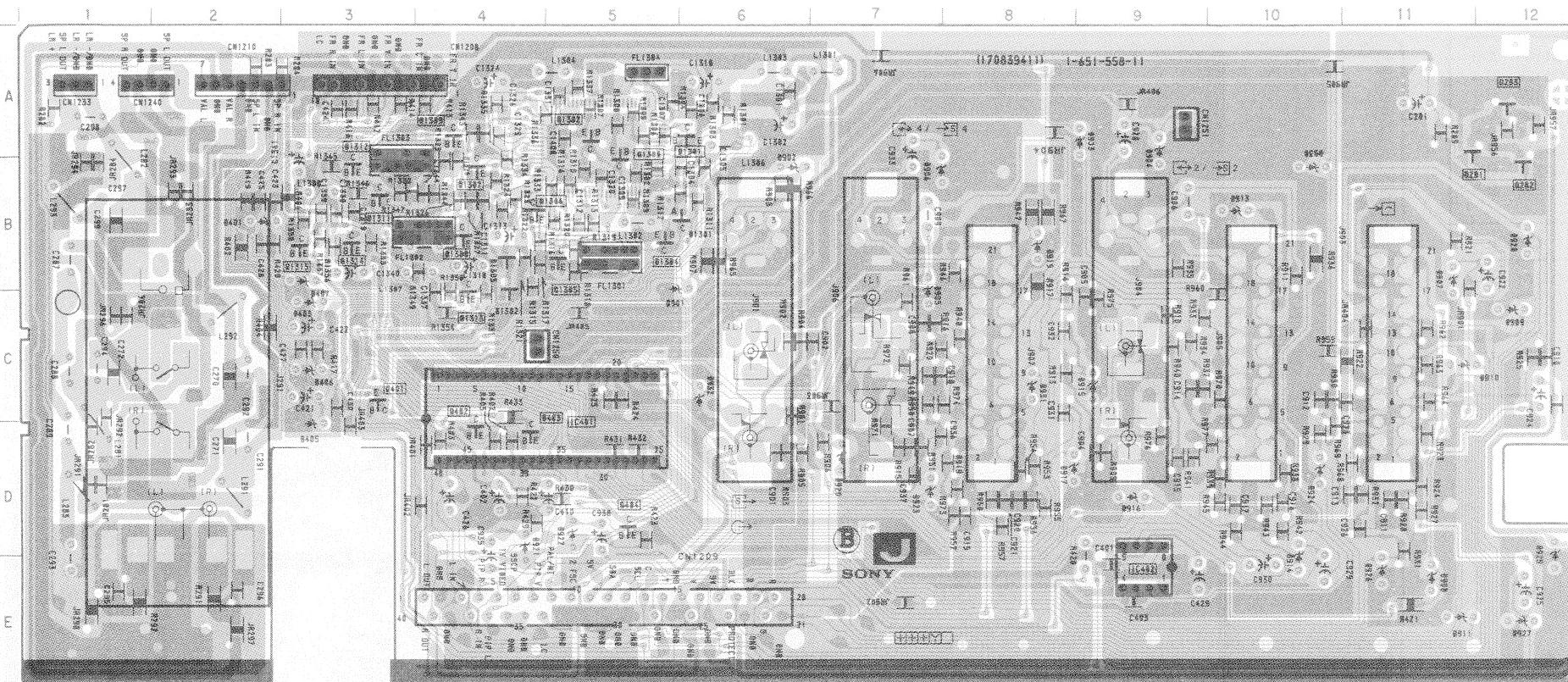


TO A BOARD CN0109



**J**[AUDIO/VIDEO SWITCH,  
DIGITAL COMB, BUFFER]

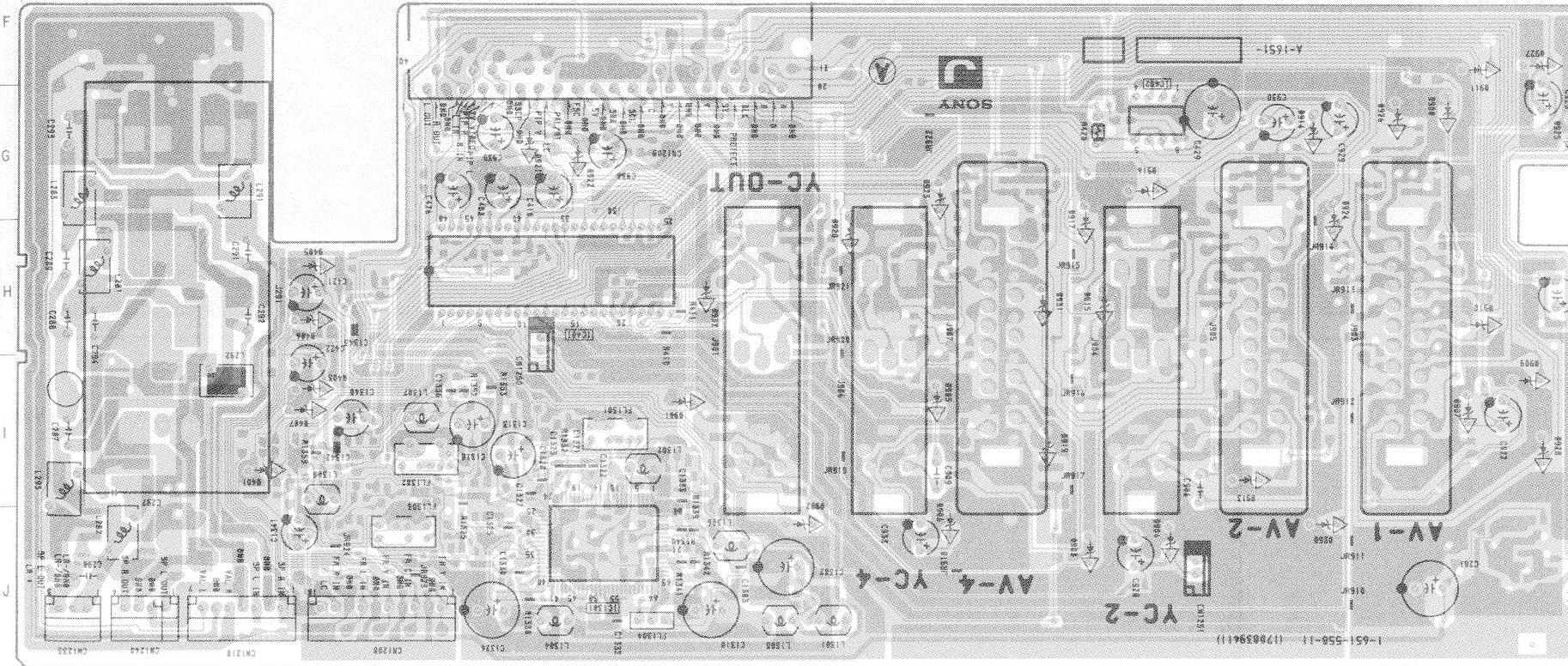
## — J Board — &lt;Conductor Side&gt;



## — J Board —

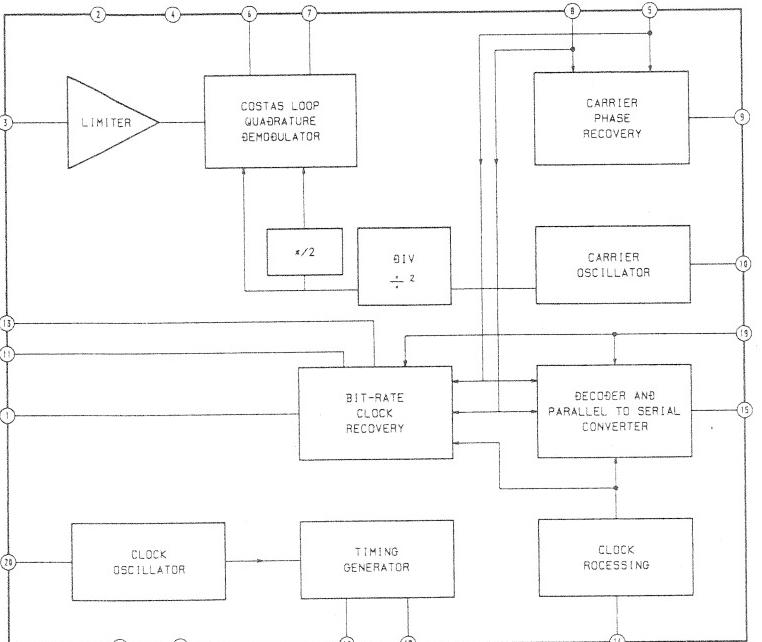
IC	
IC401	D-5
IC402	E-9
IC1301	J-5
TRANSISTOR	
Q401	C-3
Q402	D-3
Q403	D-4
Q404	D-5
Q1301	A-6
Q1302	A-5
Q1303	A-5
Q1304	B-5
Q1305	B-5
Q1306	B-4
Q1307	B-4
Q1308	B-4
Q1309	A-4
Q1311	B-3
Q1312	B-3
Q1313	C-4
Q1314	B-3
Q1315	B-3
DIODE	
D401	B-2
D403	C-3
D405	D-3
D406	C-3

## — J Board — &lt;Component Side&gt;



- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

A2 BOARD IC1101 TDA8732

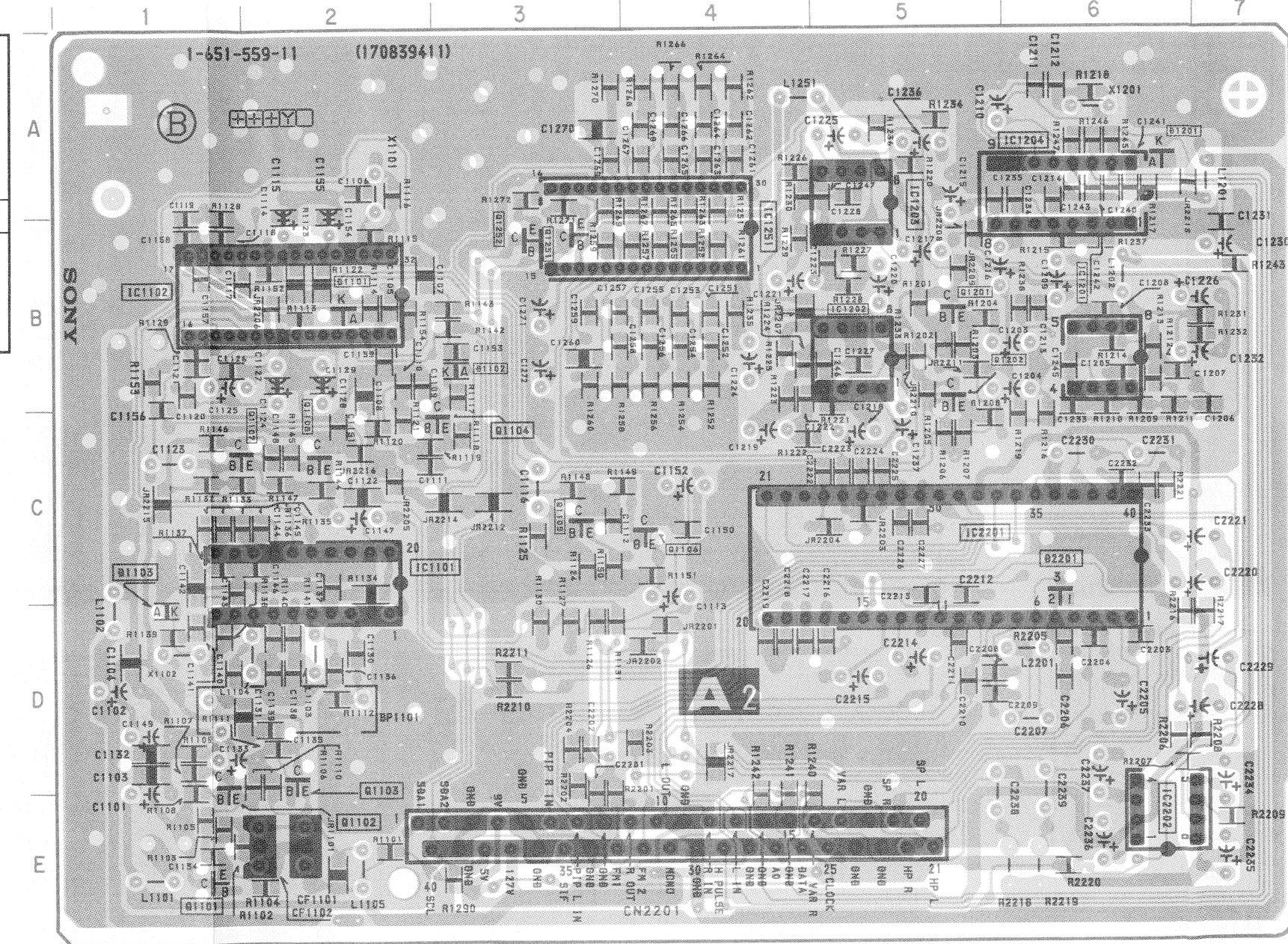


— A2 Board —

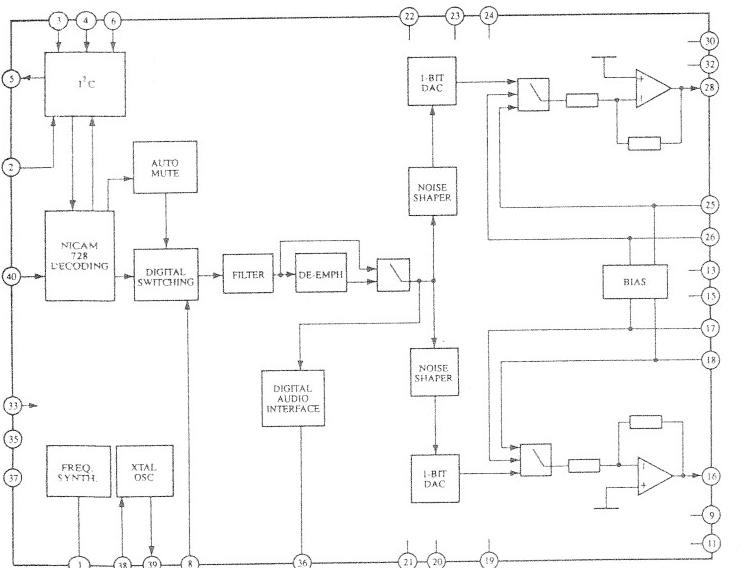
IC	
Q1105	C-3
Q1106	C-4
Q1107	C-1
Q1108	C-2
IC1201	B-6
IC1202	B-5
IC1203	A-5
IC1204	A-6
IC1251	B-3
IC1252	B-3
DIODE	
D1101	B-2
D1102	B-3
D1103	D-1
D1201	A-6
D2201	C-6
TRANSISTOR	
Q1101	E-1
Q1102	D-1
Q1103	D-2
Q1104	C-3

**A2** [DEMODULATOR, MICAM-DECODER,  
SOUND-CONTROLLER, HEADPHONE AMP]

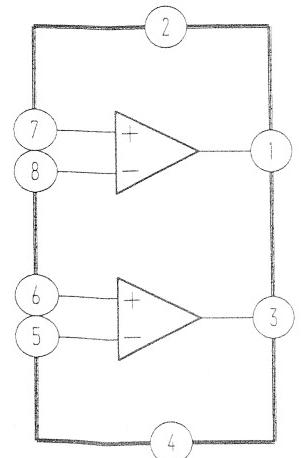
— A2 Board —



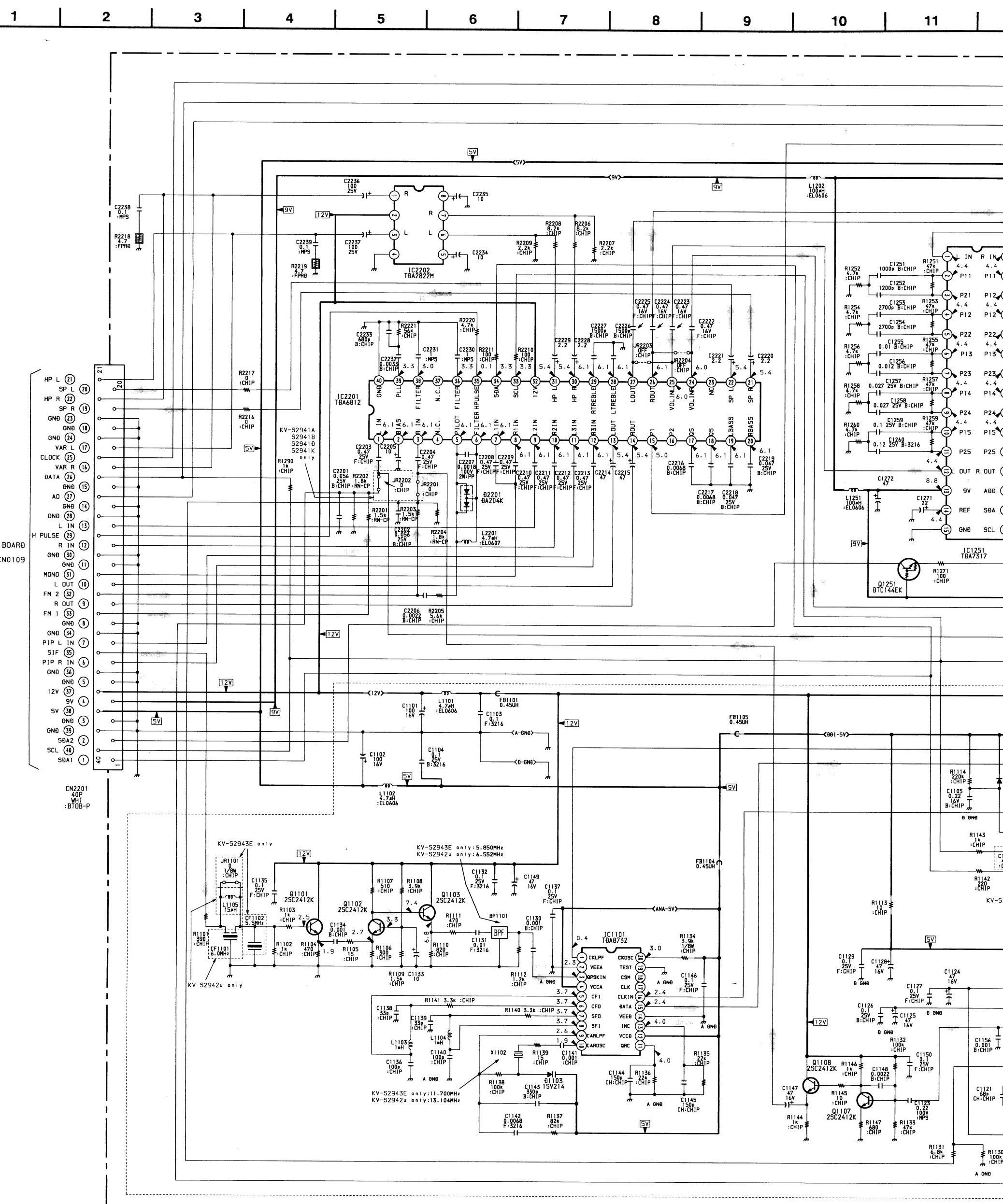
A2 BOARD IC1102 SAA7282-ZP



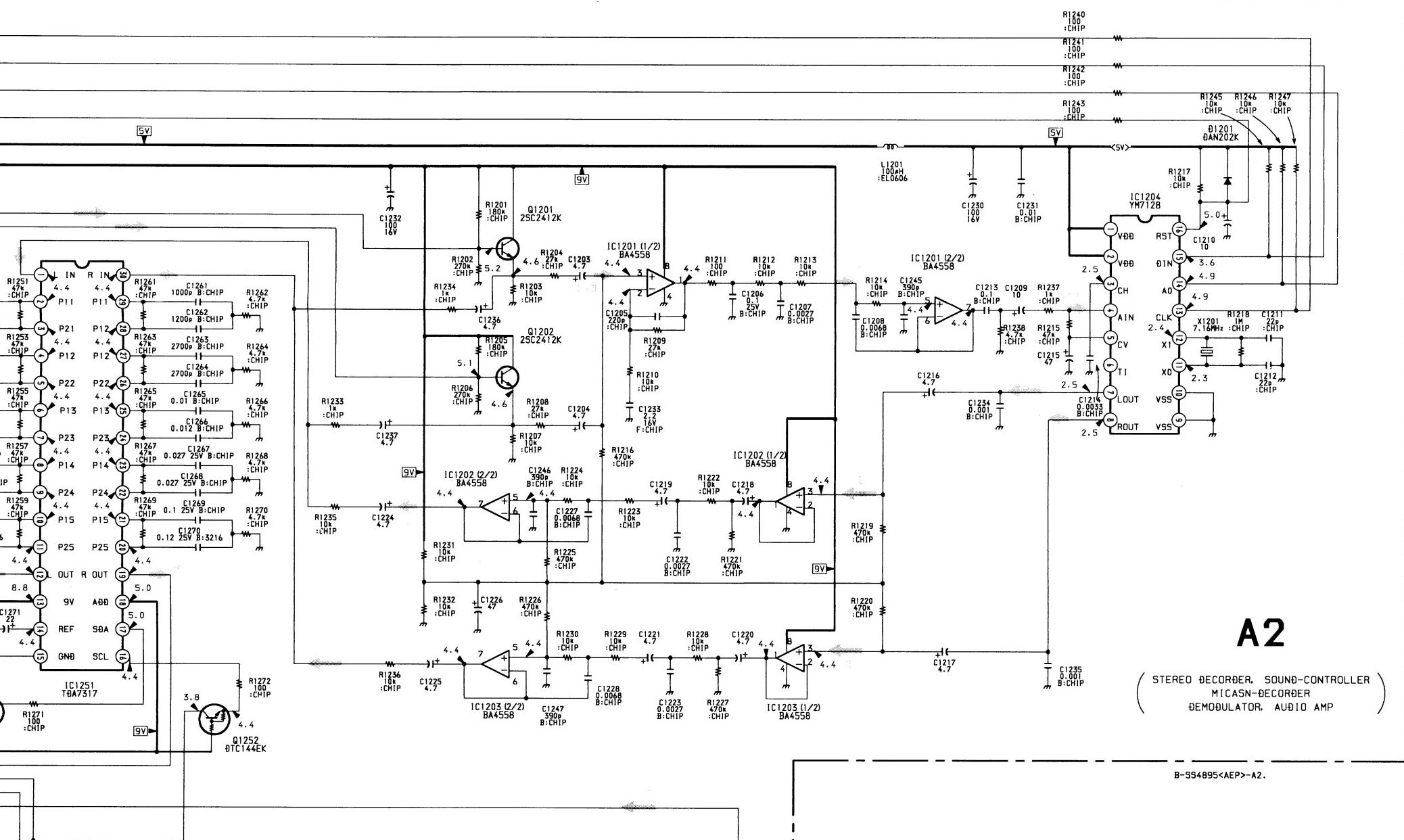
A2 BOARD IC2202 TDA2822M



- : Pattern from the side which enables seeing.
- : Pattern of the rear side.



11 12 13 14 15 16 17 18 19 20 21

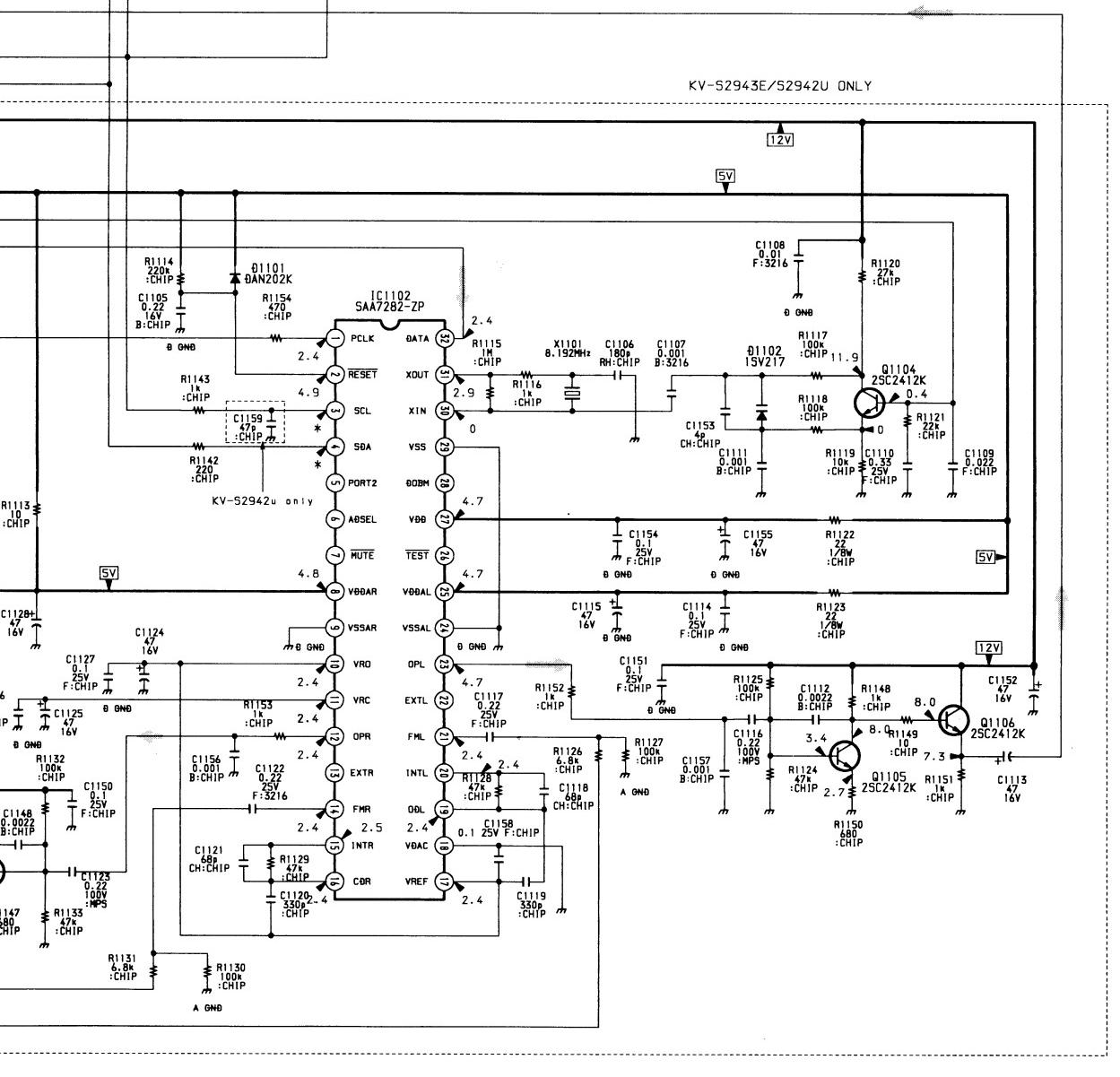


A2

( STEREO DECODER, SOUND-CONTROLLER  
MICSASN-DECODER  
DEMODULATOR, AUDIO AMP )

B-594895<AEPA2.

KV-S2943E/S2942U ONLY



### A2 Board

Ref. No.	Name	Function
IC1101	TDA8732	DEMODULATOR
IC1102	SAA7282	MICAL DECODER
IC1201	BA4558	EQUALIZER
IC1202	BA4558	EQUALIZER
IC1203	BA4558	EQUALIZER
IC1204	YM7128	AUDIO PROCESSER
IC1251	TDA7317	NOISE REDUCTION
IC2201	TDA6812-5	SOUND-CONTROLLER STEREO-DECODER
IC2202	TDA2822M	HEADPHONE AMP
Q1101	2SC2412K	SIF AMP
Q1102	2SC2412K	SIF AMP
Q1103	2SC2412K	SIF AMP
Q1104	2SC2412K	BUFFER
Q1105	2SC2412K	AUDIO L AMP
Q1106	2SC2412K	AUDIO L AMP
Q1107	2SC2412K	AUDIO R AMP
Q1108	2SC2412K	AUDIO R AMP
Q1201	2SC2412K	BUFFER
Q1202	2SC2412K	BUFFER
Q1251	DTC144EK	SWITCH
Q1252	DTC144EK	SWITCH
D1101	DAN202K	RESET
D1102	1SV217	VCO CAPACITOR
D1103	1SV217	VCO CAPACITOR
D1201	DAN202K	LEVEL SHIFT
D2201	DA204K	DETECTOR

Schematic diagram

← A2 board →

Schematic diagram

D board

1 2 3 4

A

B

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D

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L

M

N

CN0504  
BP  
RED  
S-MICRO

12V

135V

R2525  
220 : CHIPR858  
1k : CHIPQ805  
JC501Q804  
DTA144TKR857  
470k : CHIPR848  
220k : RNR847  
820CN0546  
BP  
YEL  
S-MICRO

OP 100S

HP/100

9

HP/100

8

VTH-P/100

7

CS/100

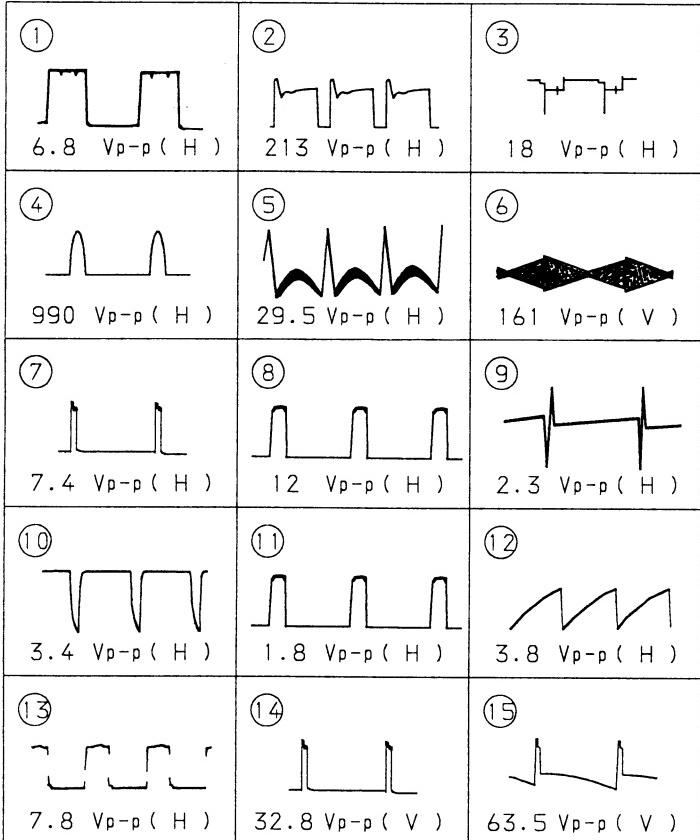
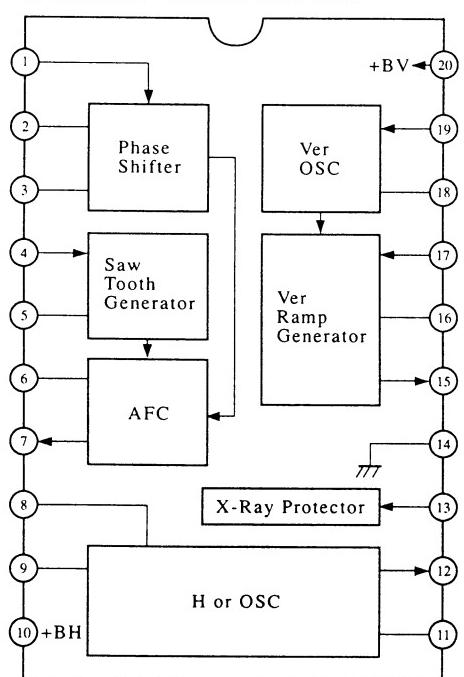
6

VP/100

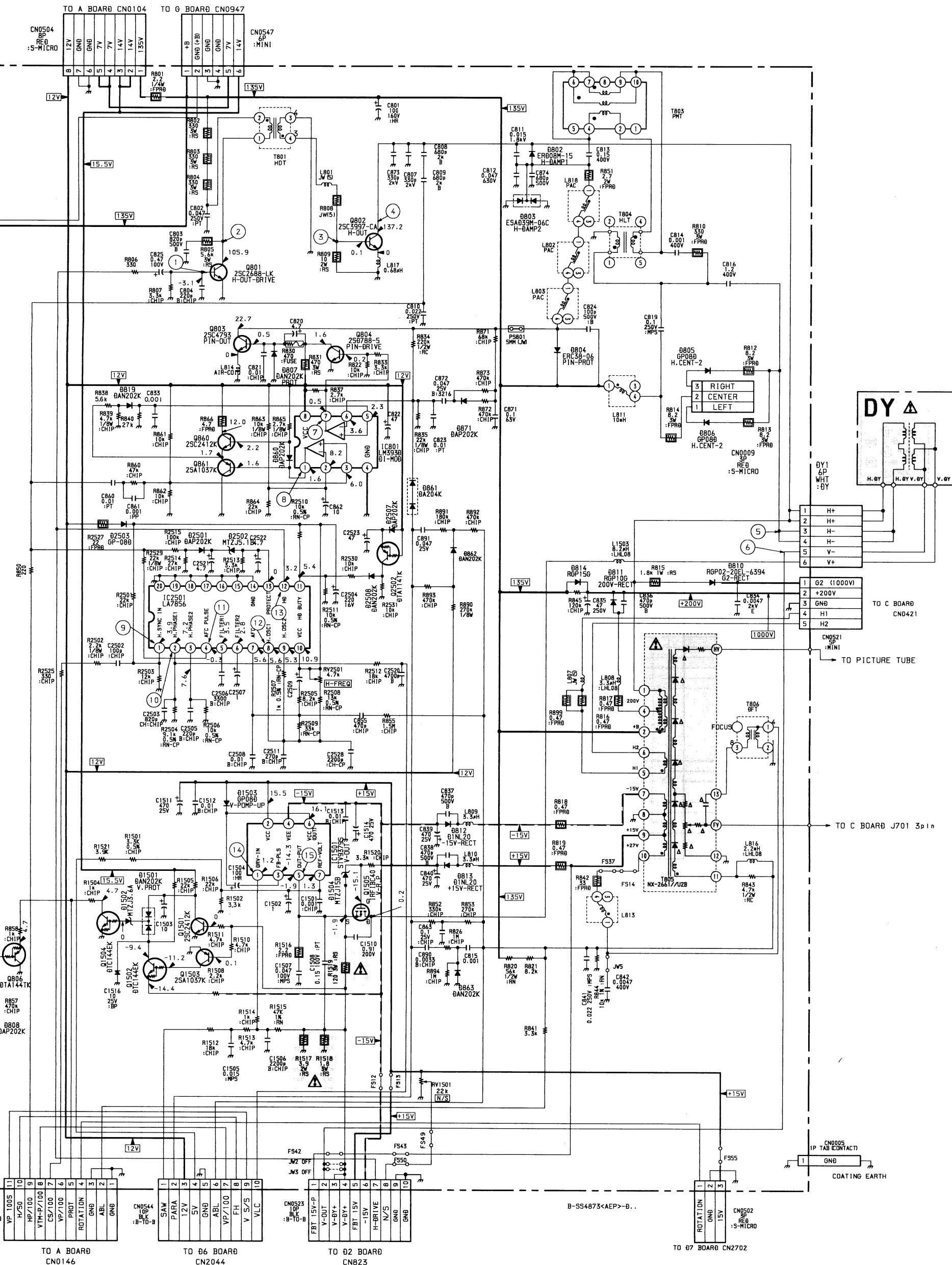
5

TO A 1

CN01-

**— D Board —****D BOARD IC2501 LA7856****— D Board —**

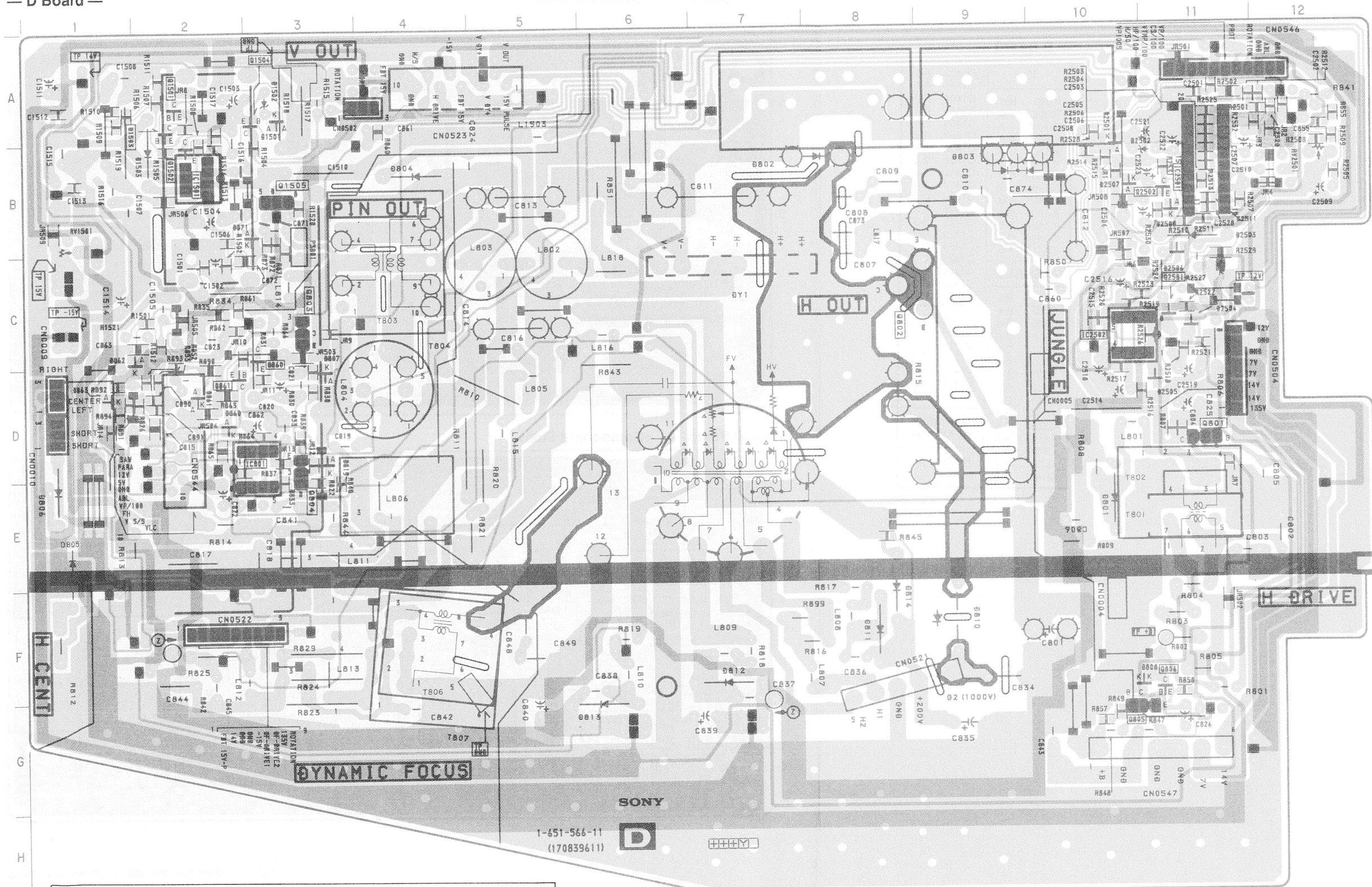
Ref. No.	Name	Function
IC801	LM393D	DI • MOD
IC1501	STV9379S	V OUT
IC2501	LA7856	JUNGLE
Q801	2SC2688-LK	H DRIVE
Q802	2SC3997-CA	H OUT
Q803	2SC4793	PIN OUT
Q804	2SD788-5	PIN DRIVE
Q805	JC501	SWITCH DRIVE
Q806	DTA144TK	V PROTECT SWITCH
Q860	2SC2412K	PIN AMP
Q861	2SA1037K	PIN AMP
Q1501	2SC2412K	V PROTECT
Q1502	DTC144EK	V PROTECT
Q1503	2SA1037K	V PROTECT
Q1504	DTC144EK	V PROTECT
Q1515	IRF1BC40	V R.P
Q2502	DTA114TK	SWITCH
D802	ERD08M-15	H DAMPER 1
D803	ESAD39M-06C	H DAMPER 2
D804	ERC38-06	PIN PROTECT
D805	GP08D	H CENT 1
D806	GP08D	H CENT 2
D807	DAN202K	PROTECT
D808	DAP202K	PROTECT
D810	RGP02-20EL-6394	G2 RECT
D811	RGP10G	200V RECT
D812	RGP10G	-15V RECT
D813	RGP10G	+15V RECT
D814	RGP15G	200V RECT
D819	DAN202K	SWITCH
D860	DAP202K	PROTECT
D861	DA204K	LEVEL SHIFT
D862	DAN202K	LEVEL SHIFT
D863	DAN202K	LEVEL SHIFT
D871	DAP202K	SWITCH
D1501	DAN202K	V PROTECT
D1502	MTZJ3,6A	V PROTECT
D1503	GP08D	V POMP-UP
D2501	DAP202K	HP RECT
D2502	NTZJ5,1B	LEVEL SHIFT
D2503	GP-08D	VCO SUPPLY
D2507	DAP202K	PROTECT
D2508	DAN202K	SWITCH



D

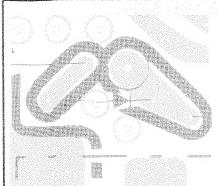
[V-OUT, H-OUT, JUNGLE, DI MOD]

— D Board —



**NOTE:**

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.



-  : Pattern from the side which enables seeing.
  -  : Pattern of the rear side.

- 79 -

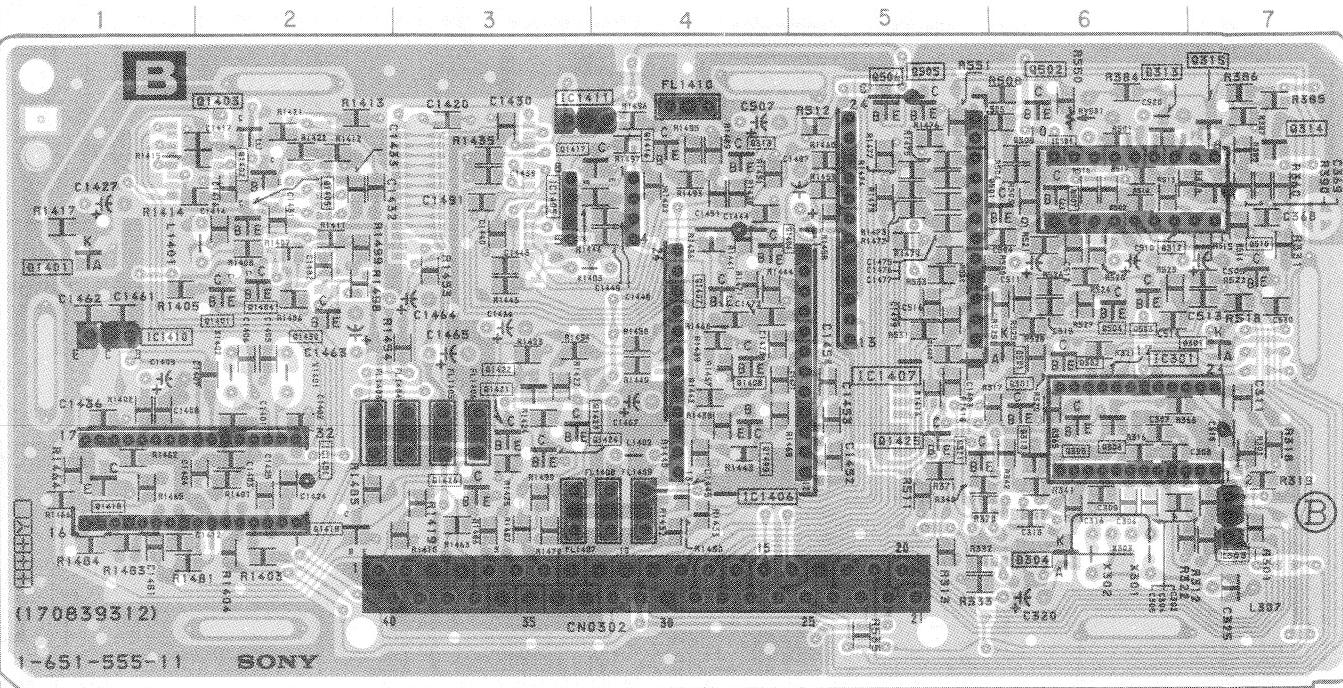
- 80 -

**B**CHROMA DECODER, RGB SW,  
H.V SYNC SEP

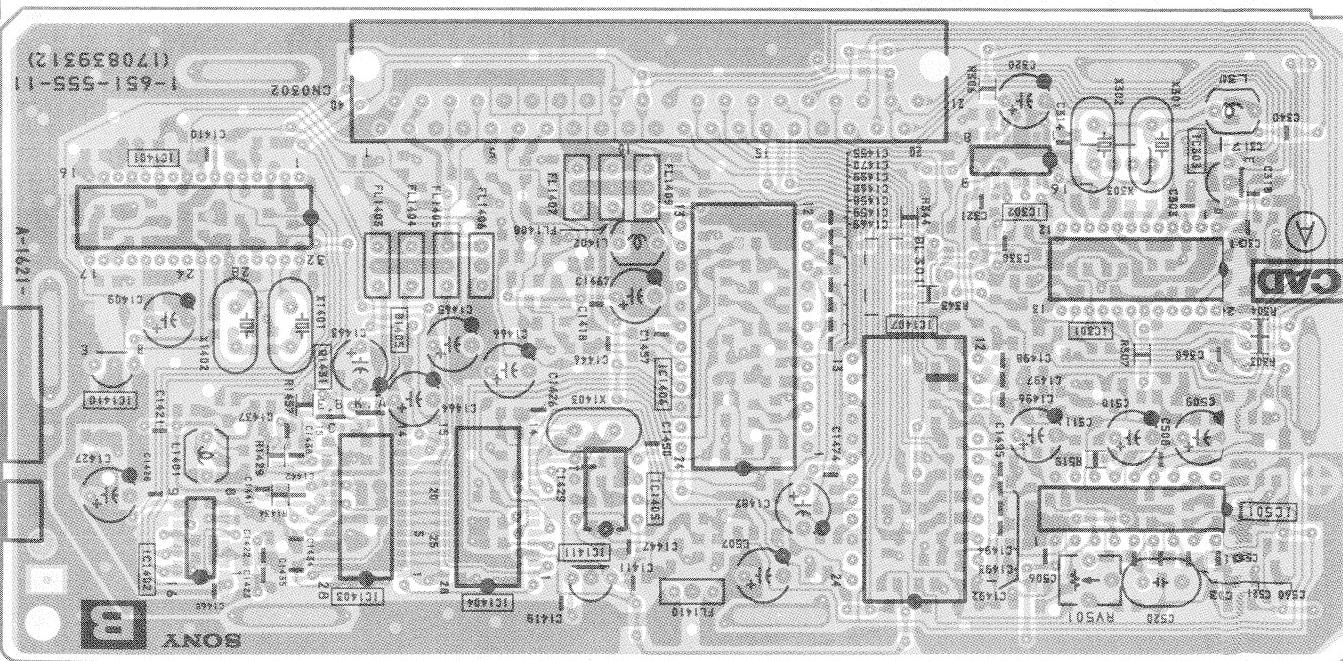
## — B Board — &lt;Conductor Side&gt;

## — B Board —

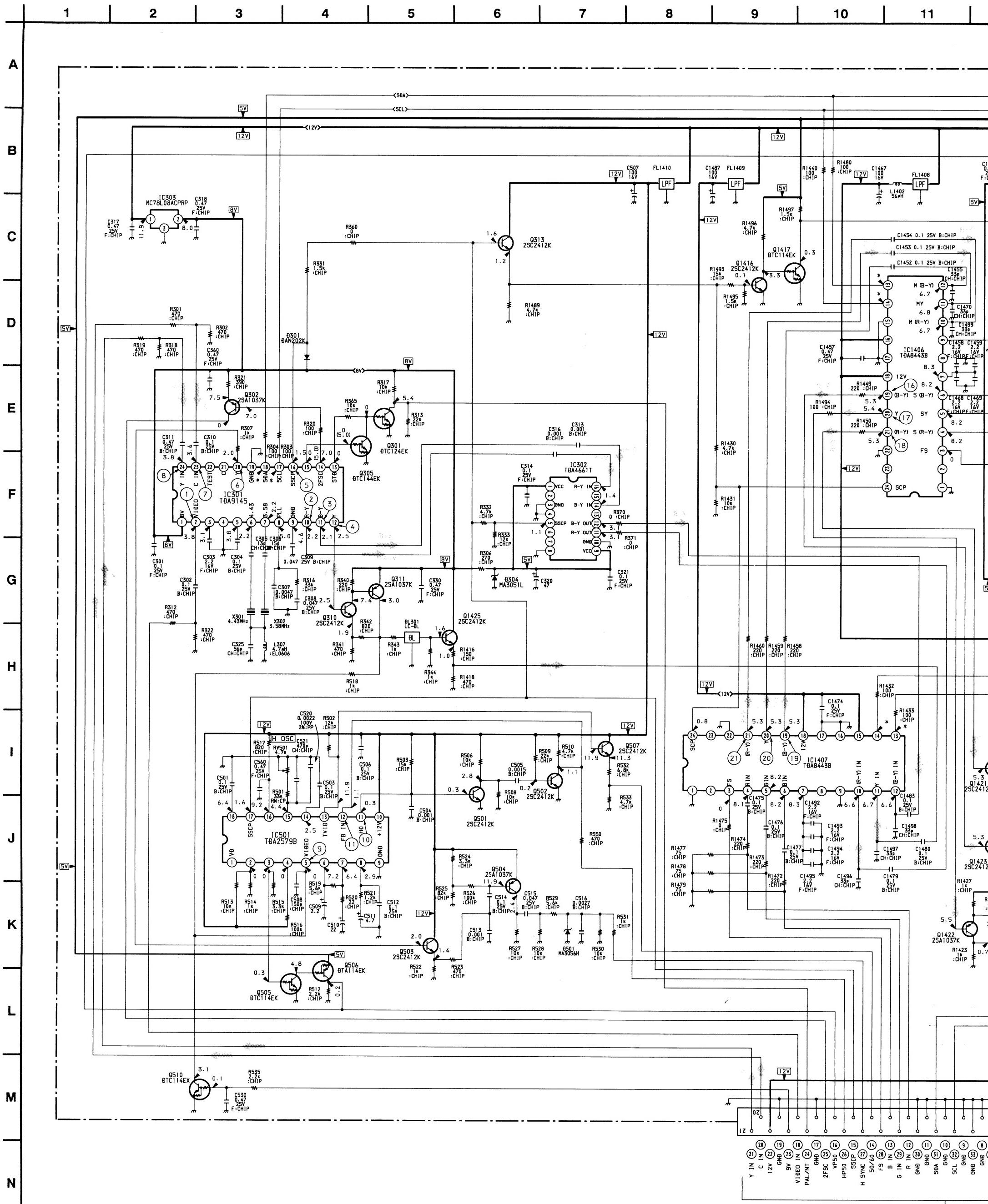
IC		Q1402 A-1
IC301	B-6	Q1403 A-1
IC302	E-6	Q1404 B-2
IC303	C-7	Q1405 A-1
IC501	A-6	Q1406 B-4
IC1401	C-2	Q1407 B-4
IC1402	G-2	Q1408 B-4
IC1403	G-2	Q1409 C-4
IC1404	G-3	Q1410 A-4
IC1405	A-3	Q1411 A-4
IC1406	B-4	Q1412 B-3
IC1407	B-5	Q1422 B-3
IC1410	B-1	Q1423 B-3
IC1411	A-3	Q1424 C-3
TRANSISTOR		Q1425 C-3
Q301	B-6	Q1426 C-3
Q302	B-6	Q1430 B-2
Q305	B-6	Q1431 F-2
DIODE		
Q310	C-6	D301 B-7
Q311	C-5	D304 C-6
Q313	A-4	D501 B-6
Q501	A-6	D1401 B-1
Q502	A-6	D1405 F-2
Q503	B-6	
Q504	B-6	
Q505	A-5	VARIABLE
Q506	A-5	RESISTOR
Q507	A-6	
Q510	A-7	RV501 A-6
Q1401	B-2	

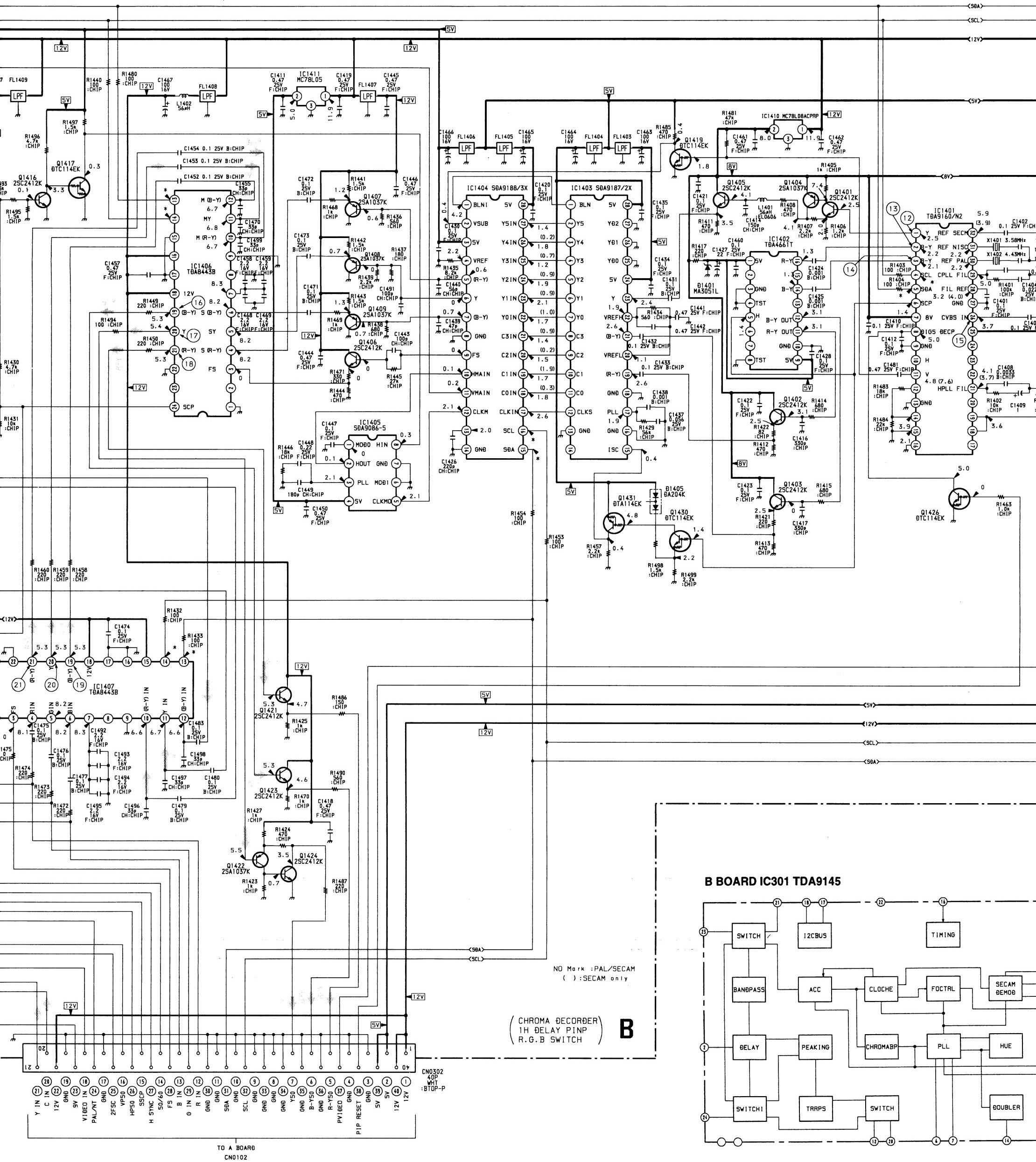


## — B Board — &lt;Component Side&gt;

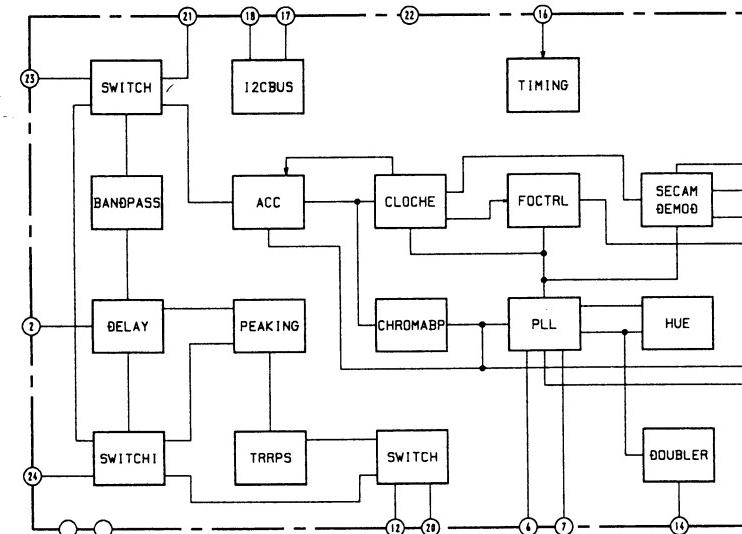


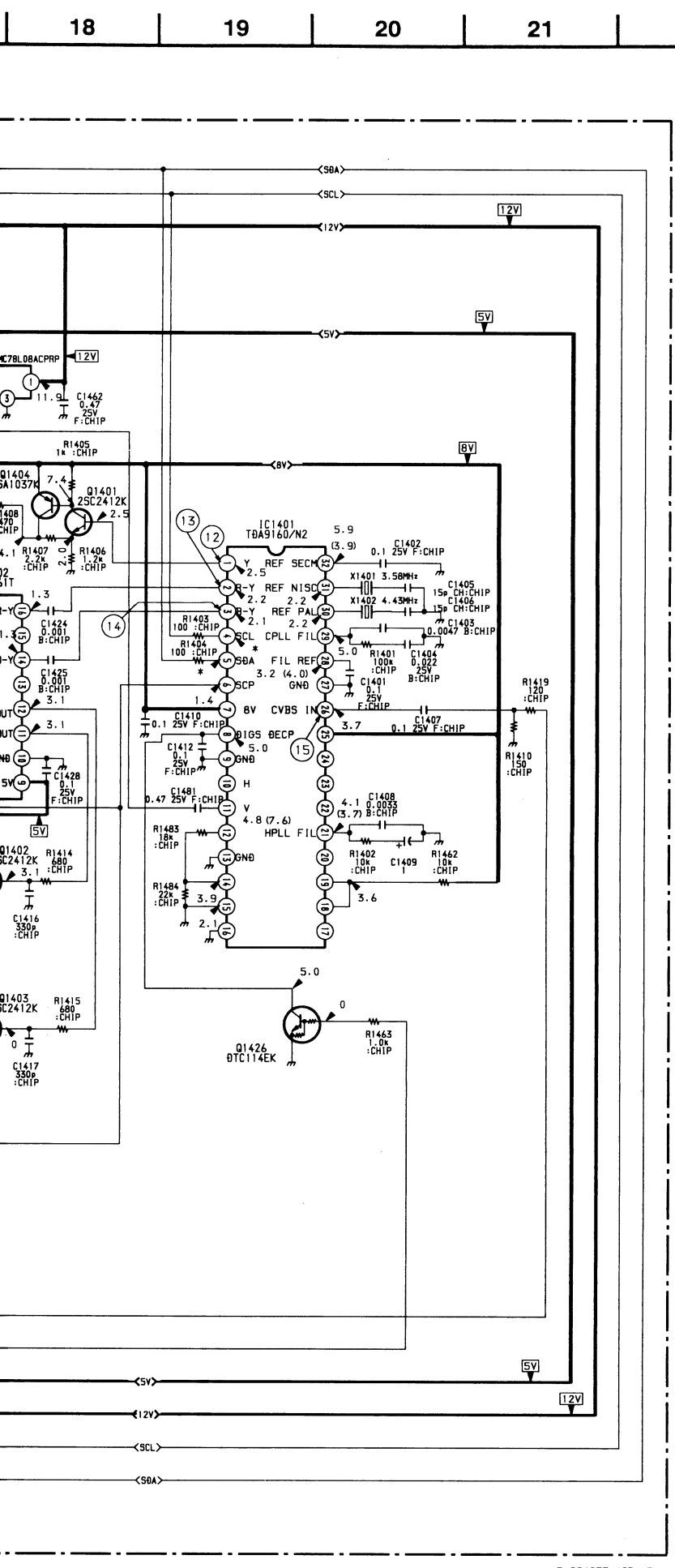
- : Pattern from the side which enables seeing.
- : Pattern of the rear side.



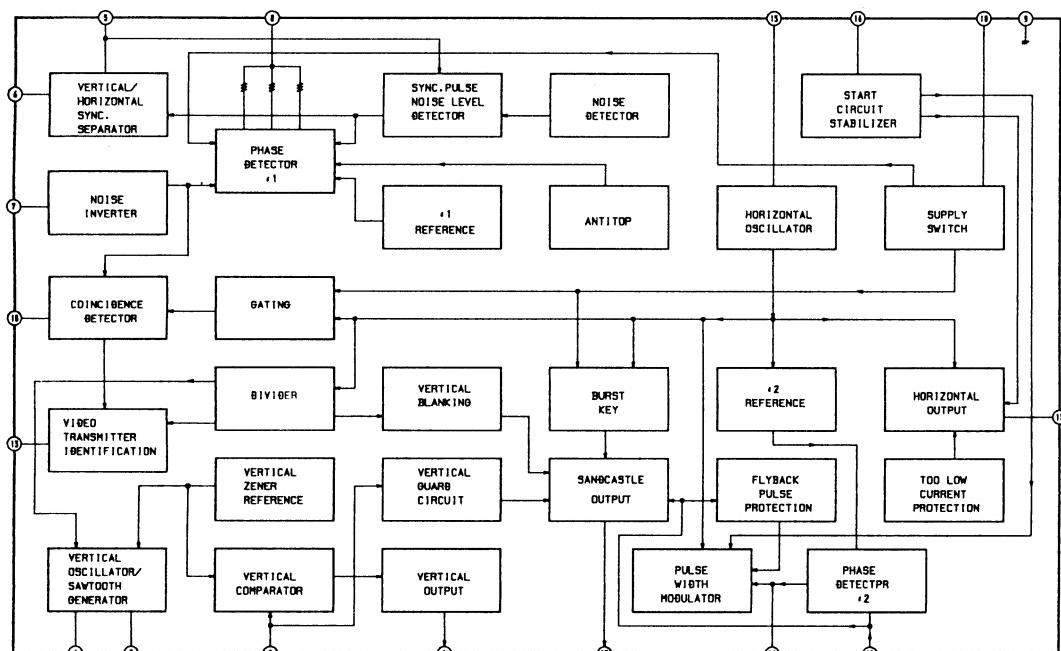


B BOARD IC301 TDA9145

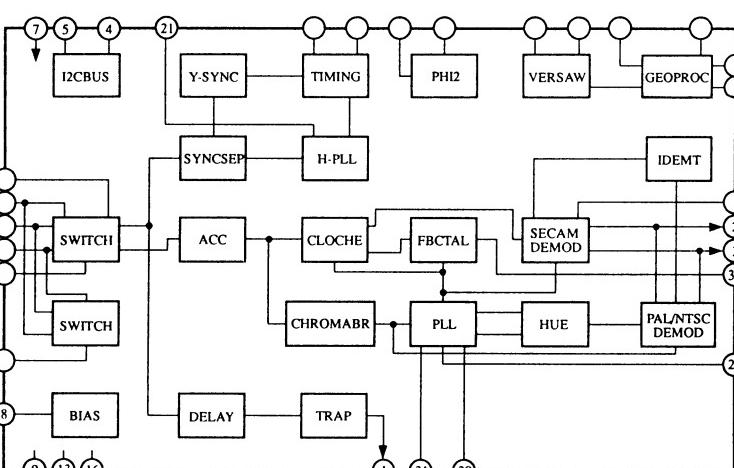




**B BOARD IC501 TDA2579B**



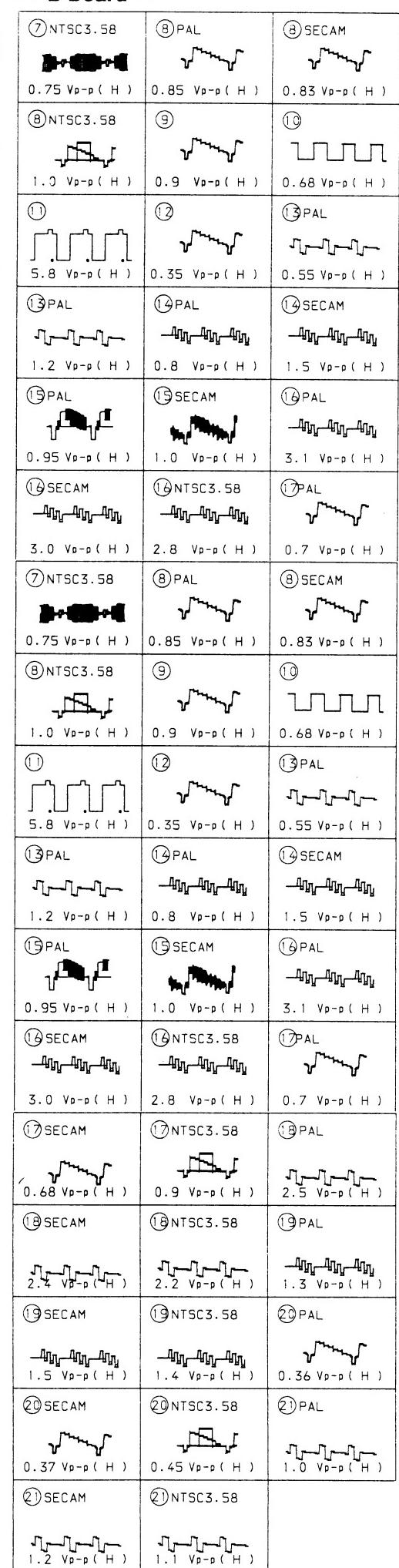
B BOARD IC1401 TDA9160/N2



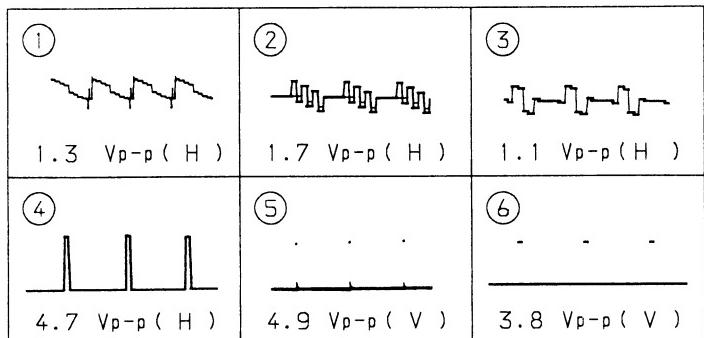
— B Board —

Ref. No.	Name	Function
IC301	TDA9145	CHROMA DECODER
IC302	TDA4661T	1H-DELAY
IC303	MC78L08ACPRP	8V REG
IC501	TDA2579B	H-V SYNC SEP
IC1401	TDA9160/N2	CHROMA DECODER
IC1402	TDA4661T	1H-DELAY
IC1403	SDA9187/2X	PIP
IC1404	SDA9188/3X	PIP
IC1405	SDA9086-5	PIP-PLL
IC1406	TDA844	RGB-SW
IC1407	TDA8443B	RGB-SW
IC1410	MC78L08ACPRP	8V REG
IC1411	MC78L05	5V REG
Q301	DTC124EK	PAL/NT SWITCH
Q302	2SA1037K	2 Fsc AMP
Q305	DTC144EK	PAL/NT SWITCH
Q310	2SC2412K	Y AMP
Q311	2SA1037K	Y CLAMP
Q313	2SC2412K	SSCP BUFFER
Q501	2SC2412K	H PULSE DRIVE
Q502	2SC2412K	H PULSE DRIVE
Q503	2SC2412K	H SYNC SEP
Q504	2SA1037K	BUFFER
Q505	DTC114EK	V PULSE DRIVE
Q506	DTA114EK	V PULSE DRIVE
Q507	2SC2412K	ID BUFFER
Q510	DTC114EX	VIDEO MUTE
Q1401	2SC2412K	Y AMP
Q1402	2SC2412K	R-Y BUFFER
Q1403	2SC2412K	B-Y BUFFER
Q1404	2SA1037K	Y BUFFER
Q1405	2SC2412K	BUFFER
Q1406	2SC2412K	BUFFER
Q1407	2SA1037K	BUFFER
Q1408	2SA1037K	BUFFER
Q1409	2SA1037K	BUFFER
Q1416	2SC2412K	V PULSE SEP
Q1417	DTC114EK	V PULSE INVERTER
Q1419	DTC114EK	V PULSE AMP
Q1421	2SC2412K	R-Y BUFFER
Q1422	2SA1037K	Y AMP
Q1423	2SC2412K	B-Y BUFFER
Q1424	2SC2412K	Y BUFFER
Q1425	2SC2412K	Y BUFFER
Q1426	DTC114EK	RESET SWITCH
Q1430	DTC114EK	SSCP SLICE
Q1431	DTA114EK	INVERTER
D301	DAN202K	LIMITTER
D304	MA3051L	PROTECT
D501	MA3056H	PROTECT
D1401	MA3051L	5V REG
D1405	DA204K	BIAS

— B Board —

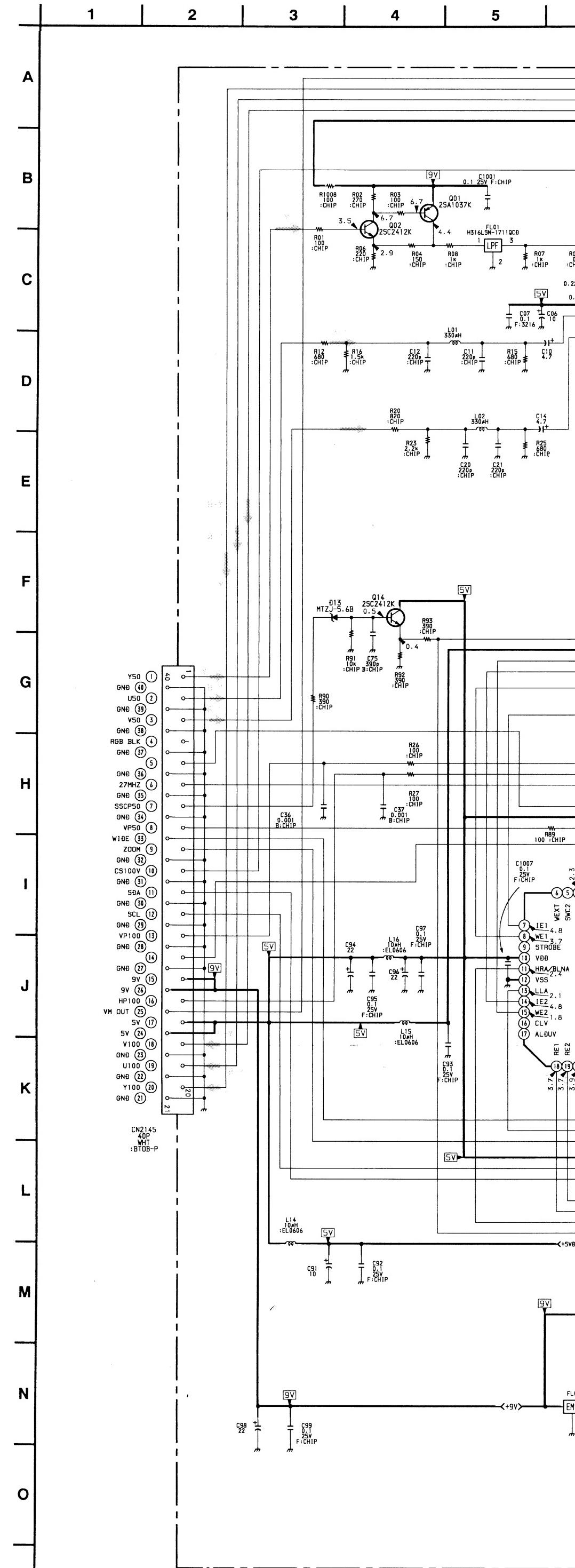


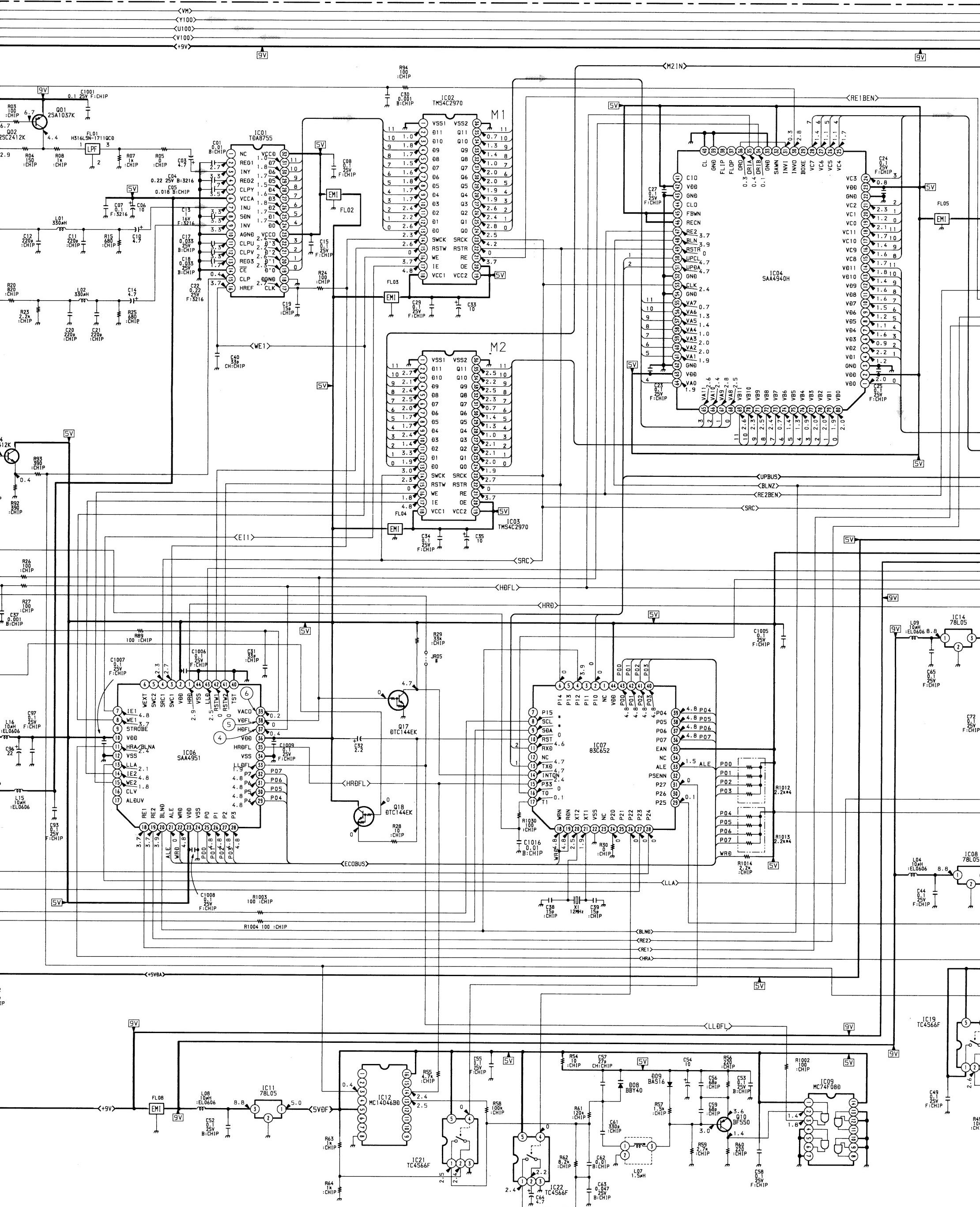
— Q Board —

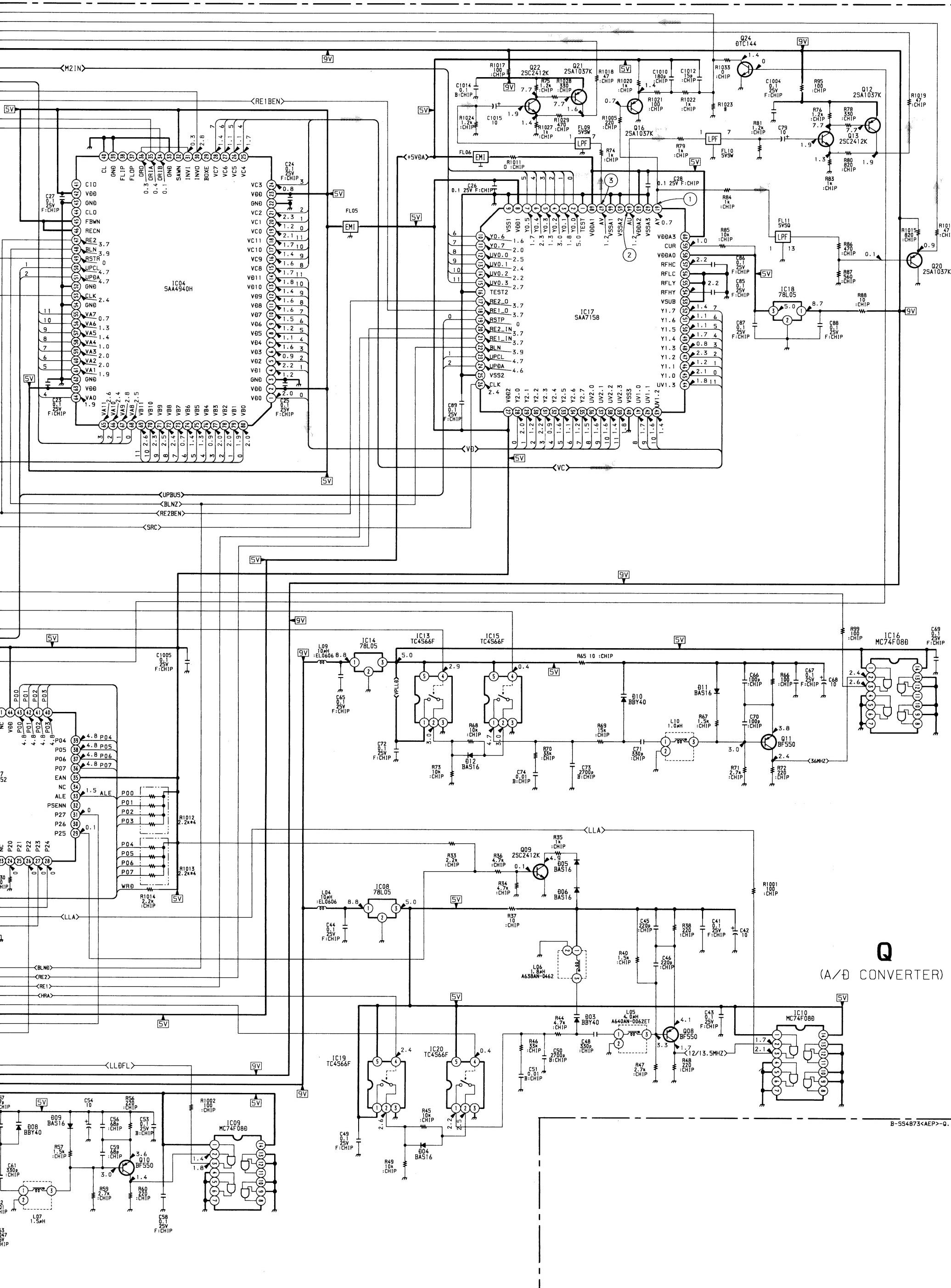


— Q Board —

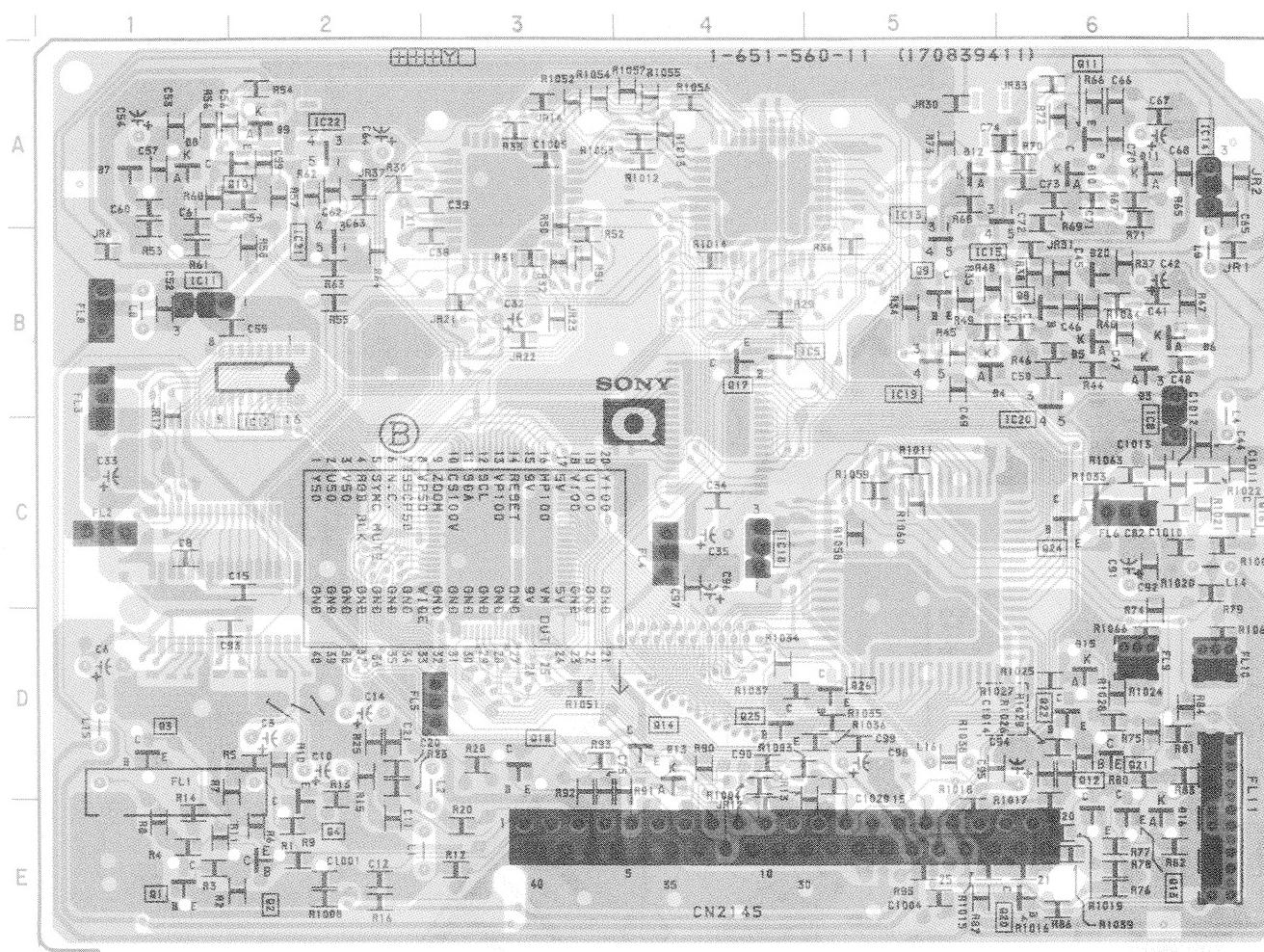
Ref. No.	Name	Function
IC1	TDA8755	A/D CONVERTOR
IC2	TMS4C2970	D-RAM
IC3	TMS4C2970	D-RAM
IC4	SAA4940H	NOISE REDUCTION
IC6	SAA4951	ECO-2 CONTROL
IC7	83C652	MICRO-COMPUTER
IC8	78L05	5V REG
IC9	MC74F08D	BUFFER
IC10	MC74F08D	BUFFER
IC11	78L05	5V REG
IC12	HEF4046BT	PLL
IC13	TC4SS66F	SWITCH
IC14	78L05	5V REG
IC15	TC4S66F	SWITCH
IC16	MC74F08D	BUFFER
IC17	SAA7158	BACK END
IC18	78L05	5V REG
IC19	TC4S66F	SWITCH
IC20	TC4S66F	SWITCH
IC21	TC4S66F	SWITCH
IC22	TC4S66F	SWITCH
Q1	2SA1037K	Y AMP
Q2	2SC2412K	Y AMP
Q8	BF550	BUFFER
Q9	2SC2412K	BUFFER
Q10	BF550	BUFFER
Q11	BF550	
Q12	2SA1037K	B-Y BUFFER
Q13		B-Y BUFFER
Q14	2SC2412K	BUFFER
Q16		BUFFER
Q17	DTC144EK	SWITCH
Q18	DTC144EK	SWITCH
Q20	2SA1037K	Y BUFFER
Q21	2SA1037K	R-Y AMP
Q22	2SC2412K	R-Y AMP
Q24	DTC144EK	SWITCH
D3	BBY40	VARI-CAP
D4	BAS16	SWITCH
D5	BAS16	SWITCH
D6	BAS16	PROTECT
D8	BBY40	VARI-CAP
D9	BAS16	LIMITTER
D10	BBY40	VARI-CAP
D11	BAS16	SWITCH
D12	BAS16	LIMITTER
D13	MA3056M	LEVEL SHIFT
D15	DAN202K	SWITCH
D16	DAN202K	SWITCH



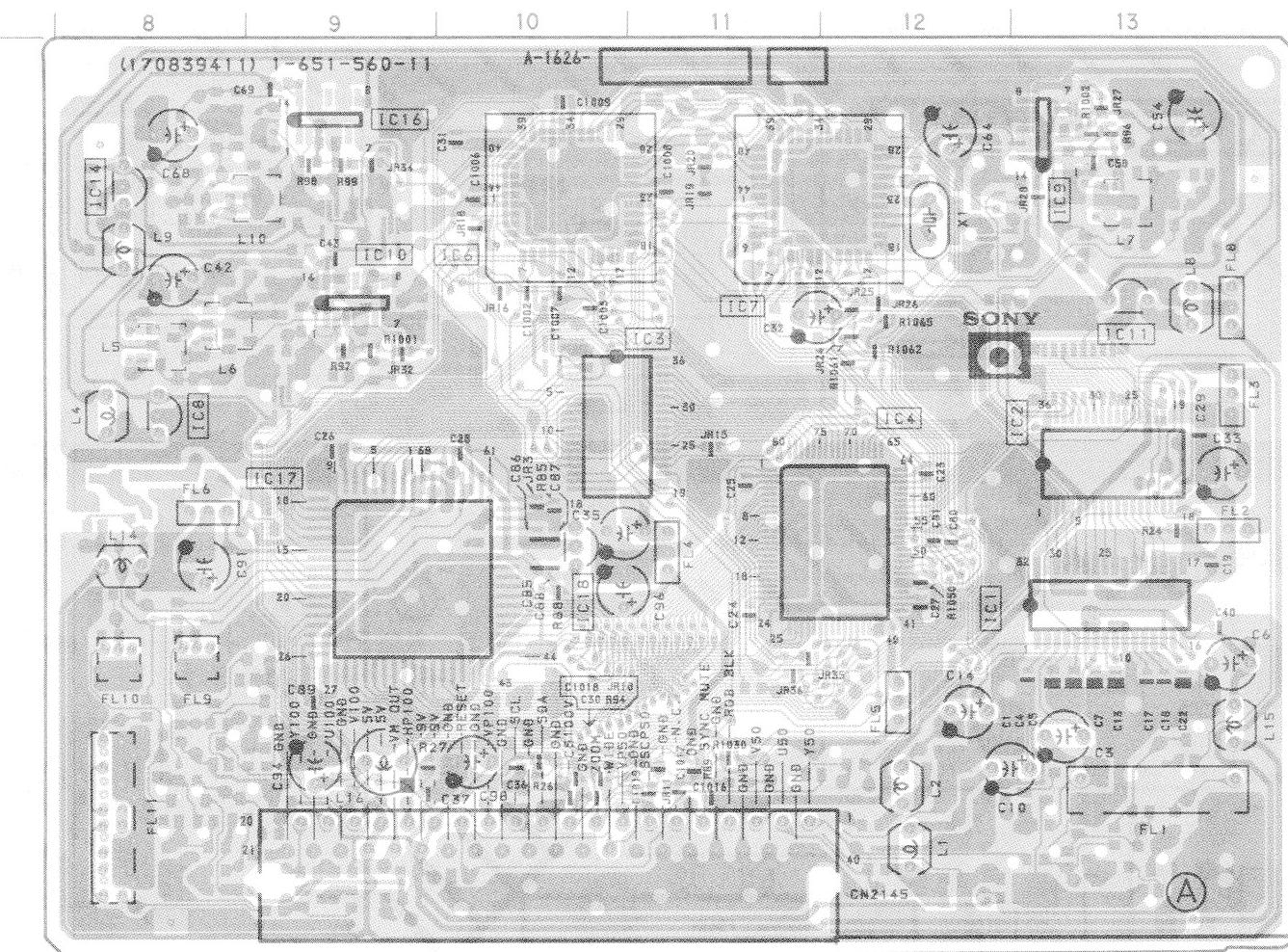




## — Q Board — &lt;Conductor Side&gt;



## — Q Board — &lt;Component Side&gt;



## — Q Board —

	IC
IC1	C-13
IC2	C-13
IC3	B-10
IC4	C-12
IC6	A-10
IC7	A-12
IC8	B-6
IC9	A-13
IC10	B-9
IC11	B-1
IC12	B-2
IC13	B-5
IC14	A-7
IC15	B-6
IC16	A-9
IC17	C-9
IC18	C-4
IC19	B-5
IC20	B-6
IC21	B-2
IC22	A-2

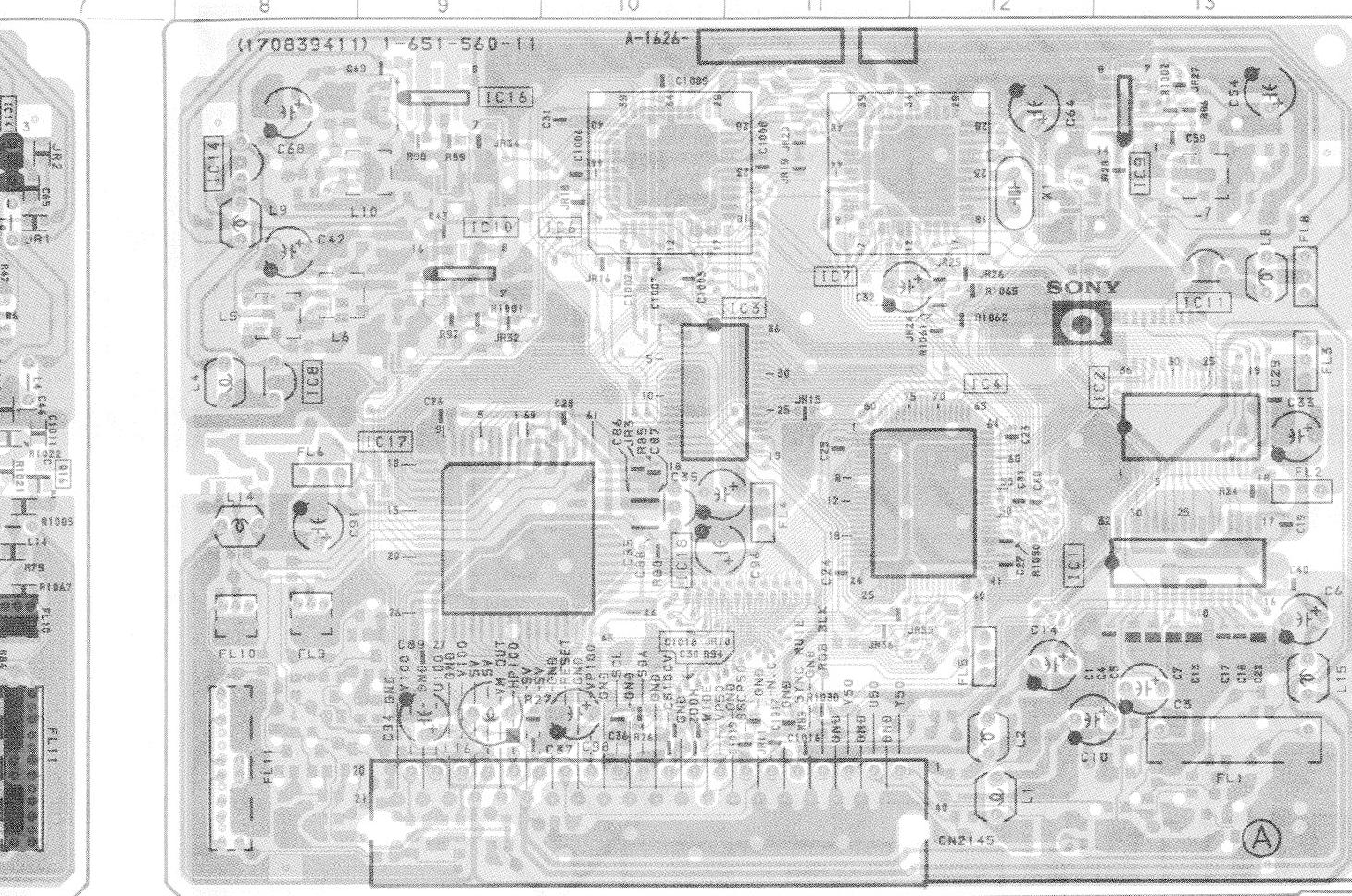
## TRANSISTOR

Q1	E-1
Q2	E-2

• : Pattern from the side which enables seeing.

• : Pattern of the rear side.

— Q Board — <Component Side>

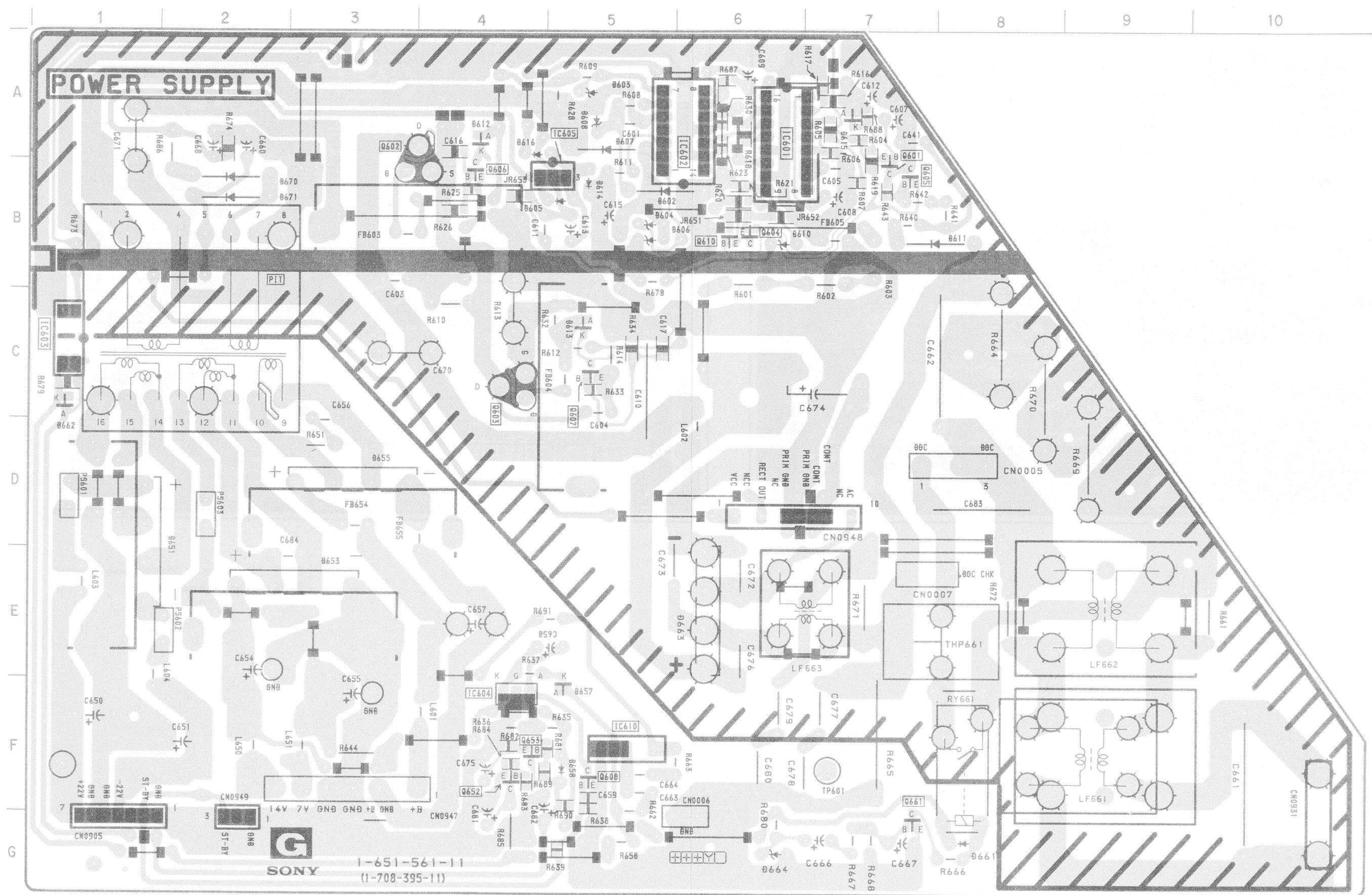


— Q Board —

IC	
IC1	C-13
IC2	C-13
IC3	B-10
IC4	C-12
IC6	A-10
IC7	A-12
IC8	B-6
IC9	A-13
IC10	B-9
IC11	B-1
IC12	B-2
IC13	B-5
IC14	A-7
IC15	B-6
IC16	A-9
IC17	C-9
IC18	C-4
IC19	B-5
IC20	B-6
IC21	B-2
IC22	A-2
DIODE	
D3	B-6
D4	B-5
D5	B-6
D6	B-6
D8	A-1
D9	A-2
D10	A-6
D11	A-6
D12	A-5
D13	D-4
D15	D-6
D16	E-6
TRANSISTOR	
Q1	E-1
Q2	E-2

- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

— G Board —



A

B

C

D

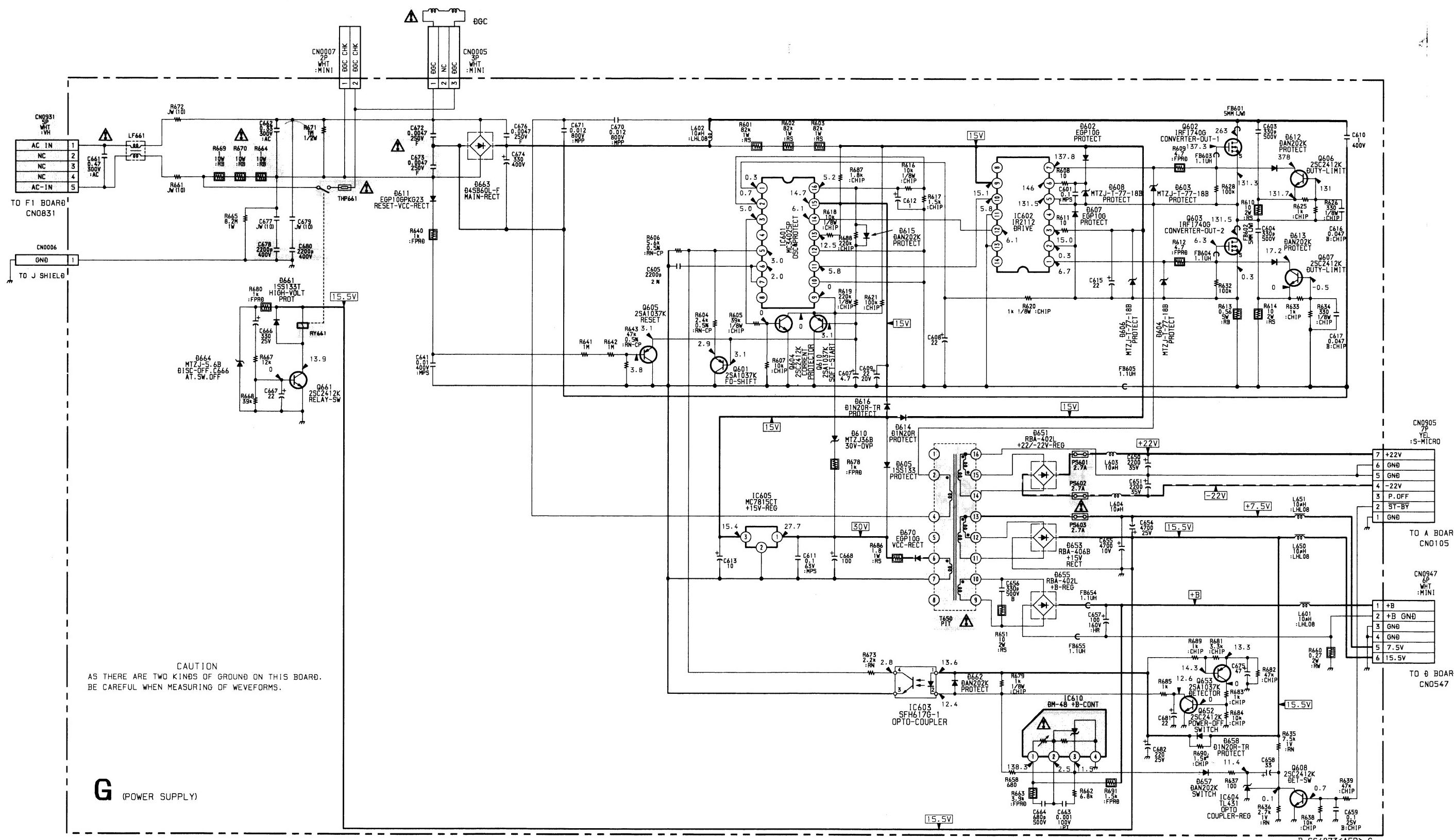
E

F

G

H

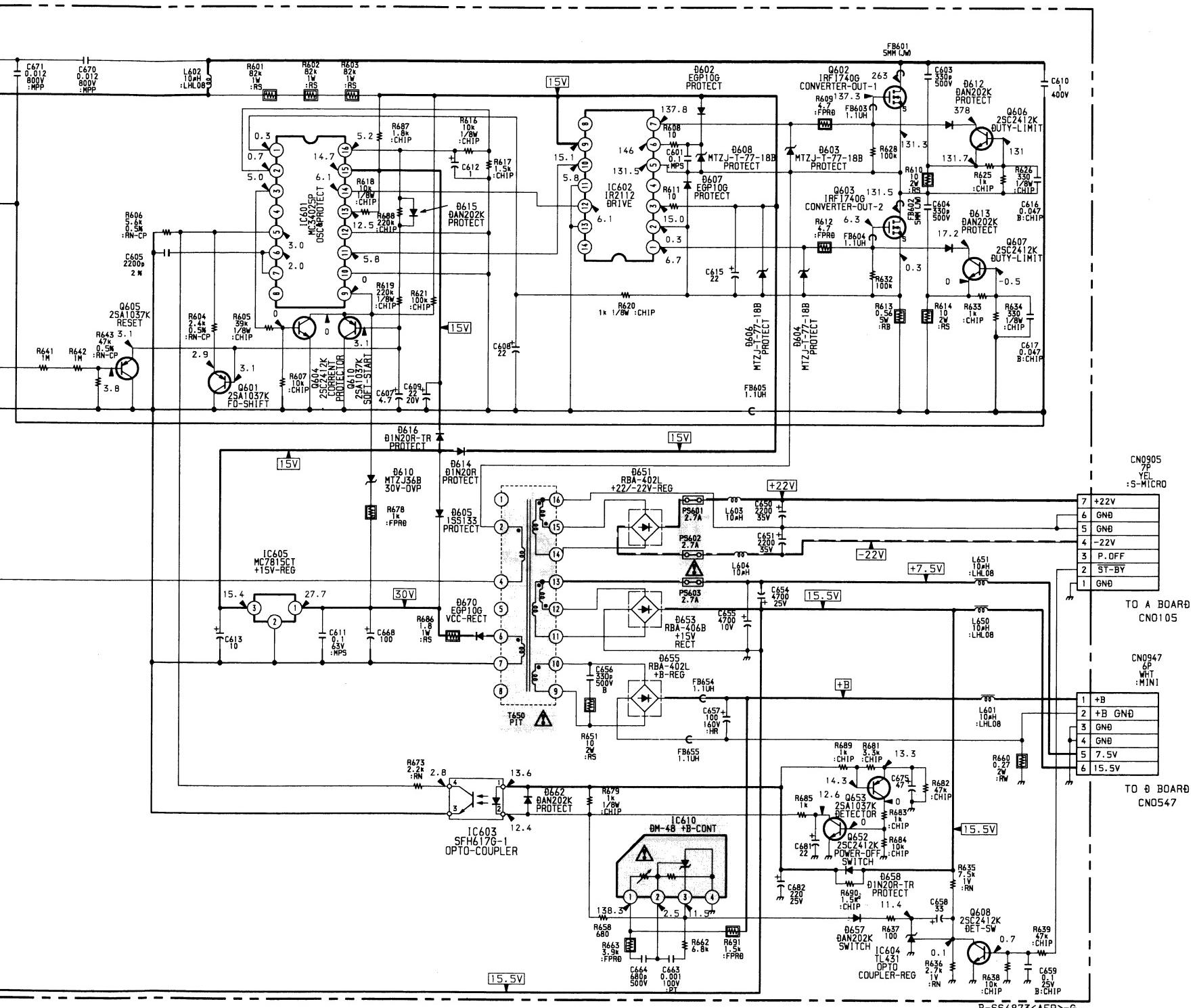
I



G (POWER SUPPLY)

CAUTION  
AS THERE ARE TWO KINDS OF GROUND ON THIS BOARD.  
BE CAREFUL WHEN MEASURING OF WAVEFORMS.CN0905  
7P  
YEL  
S-MICROTO A BOARD  
CN0105CN0947  
4P  
WHT  
MINITO B BOARD  
CN0547

Sche



Schematic diagram

← [G] board →

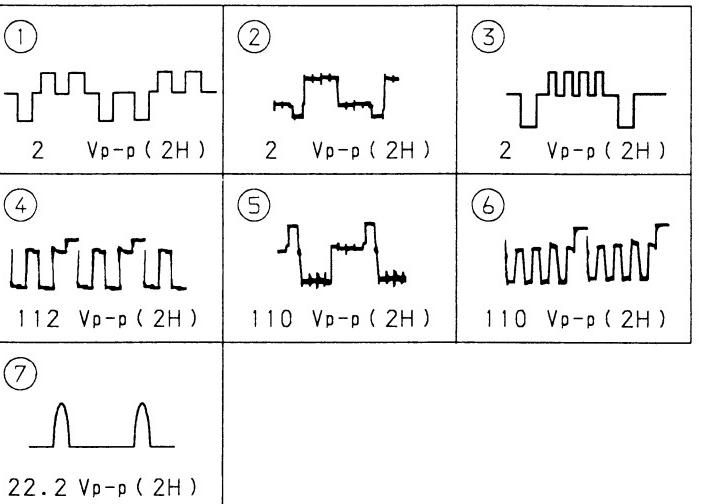
Schematic diagram

[C] board →

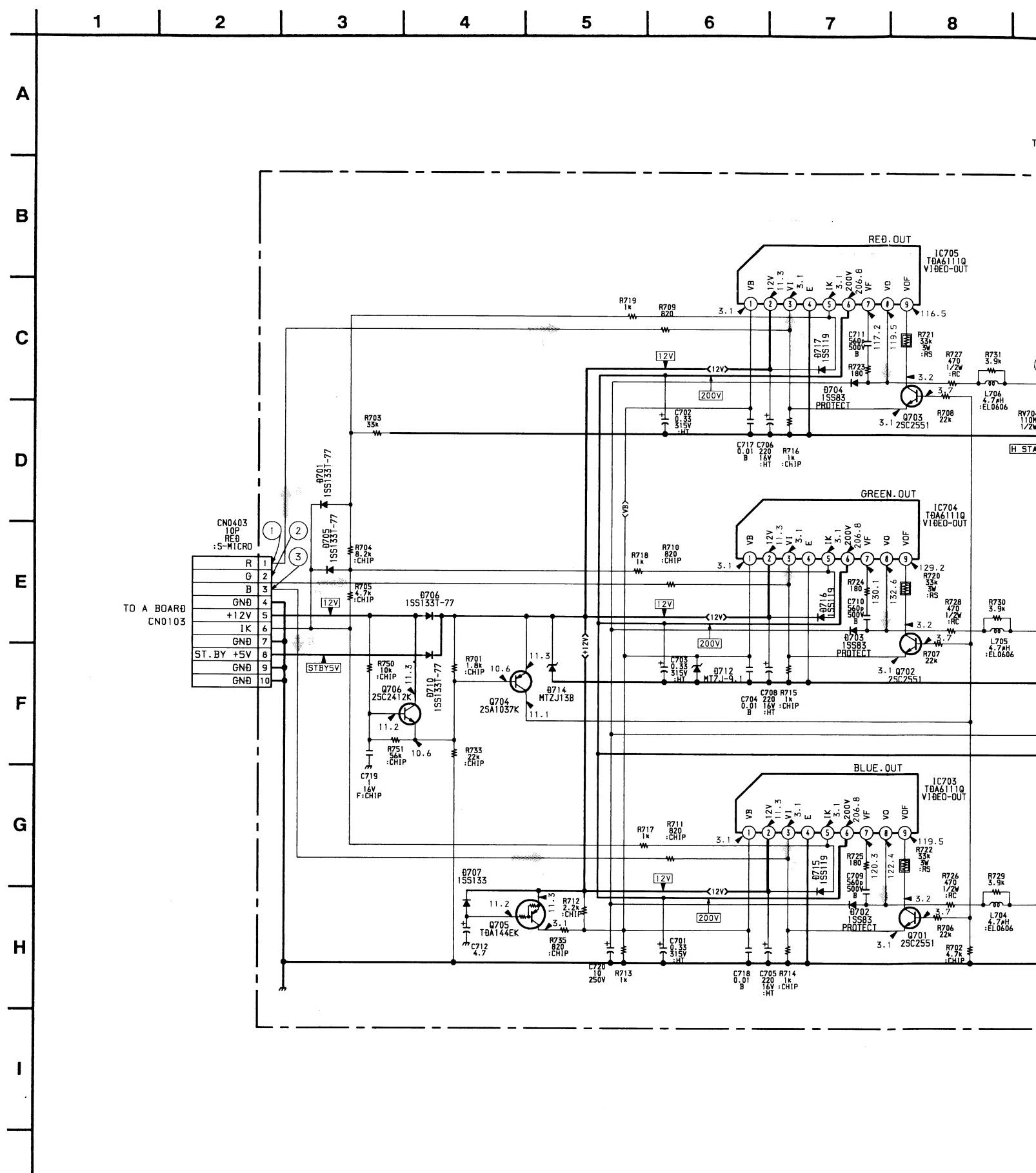
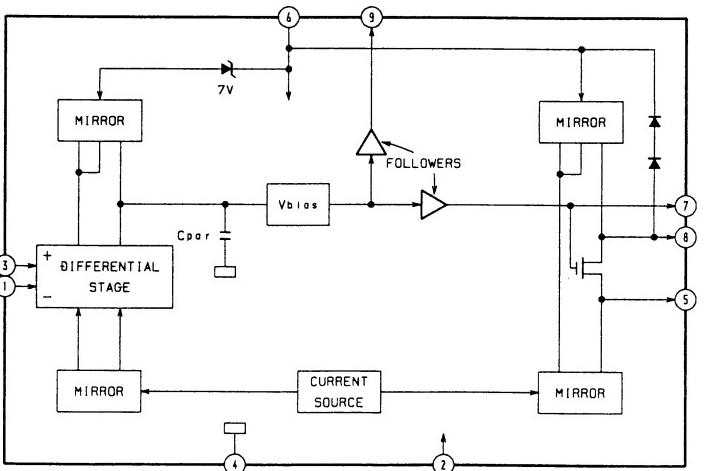
— C Board —

Ref. No.	Name	Function
IC703	TDA6111Q	VIDEO OUT (RED)
IC704	TDA6111Q	VIDEO OUT (GREEN)
IC705	TDA6111Q	VIDEO OUT (BLUE)
Q701	2SC2551	STANDBY SWITCH
Q702	2SC2551	STANDBY SWITCH
Q703	2SC2551	STANDBY SWITCH
Q704	2SA1037K	VOLTAGE MONITOR
Q705	TDA144EK	SWITCH ON MUTE
Q706	2SC2412K	SWITCH OFF DELAY
D701	1SS133T-77	IK (RED)
D702	1SS83	SWITCH
D703	1SS83	SWITCH
D704	1SS83	
D705	1SS133T-77	IK (GREEN)
D706	1SS133T-77	STANDBY SUPPLY
D707	1SS133T-77	SWITCH ON MUTE
D710	1SS133T-77	STANDBY SUPPLY
D712	MTZJ-9.1	PROTECT
D714	MTZJ13B	REF VOLTAGE
D715	1SS119	SWITCH
D716	1SS119	
D717	1SS119	

— C Board —



C BOARD IC703,704,705 TDA6111Q



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A

B

C

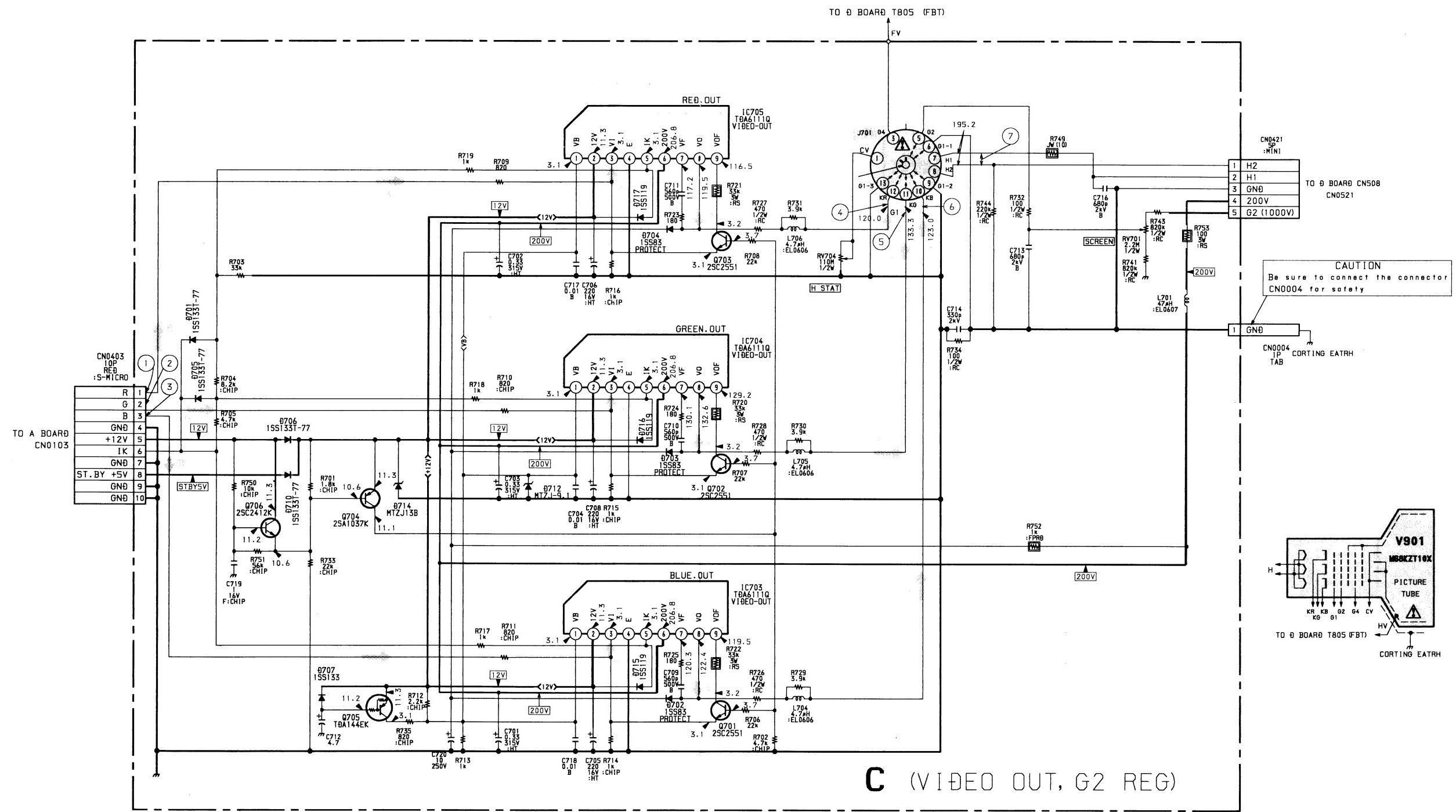
D

E

F

G

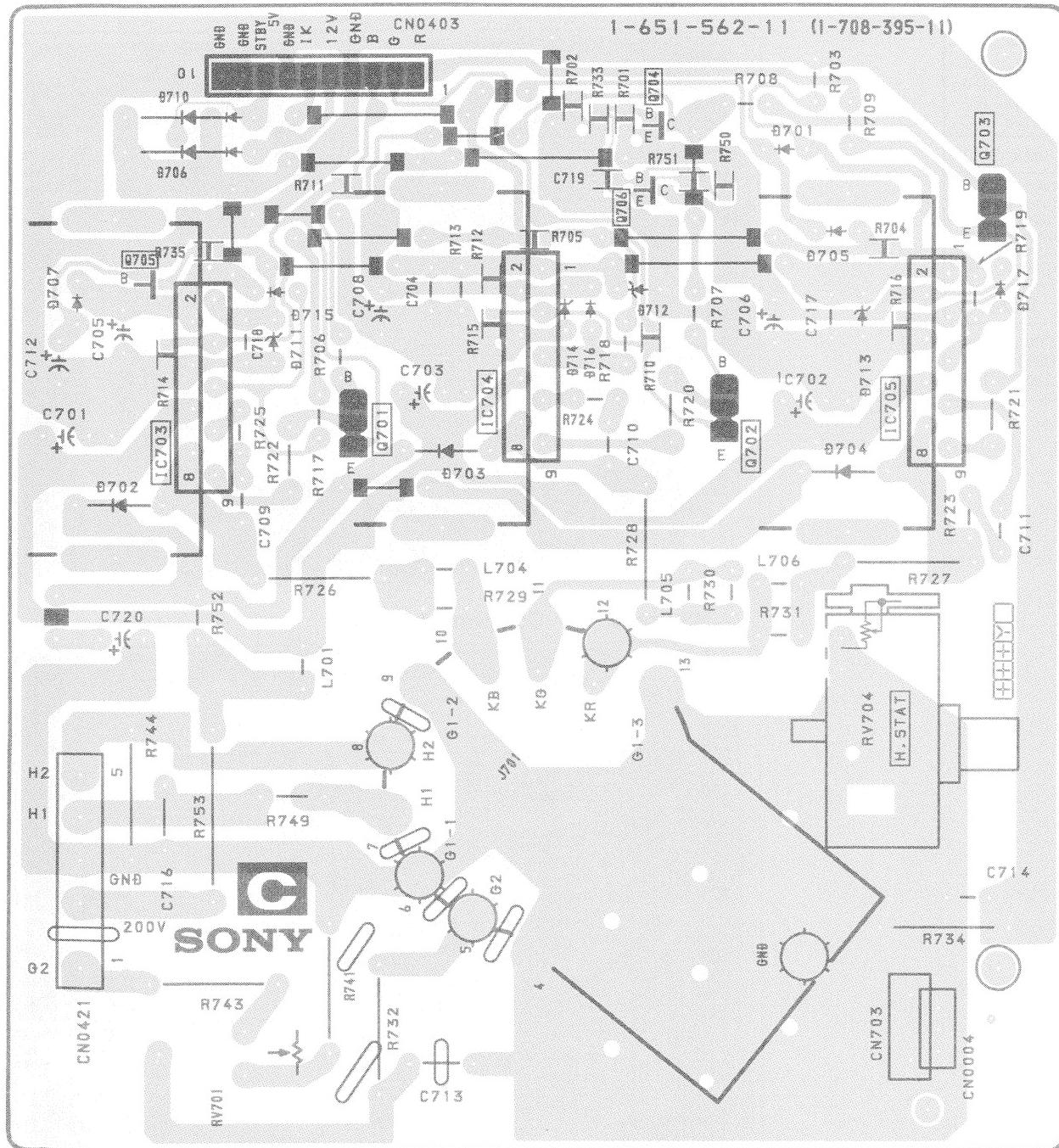
H



C

[VIDEO OUT, G2 REG]

— C Board —

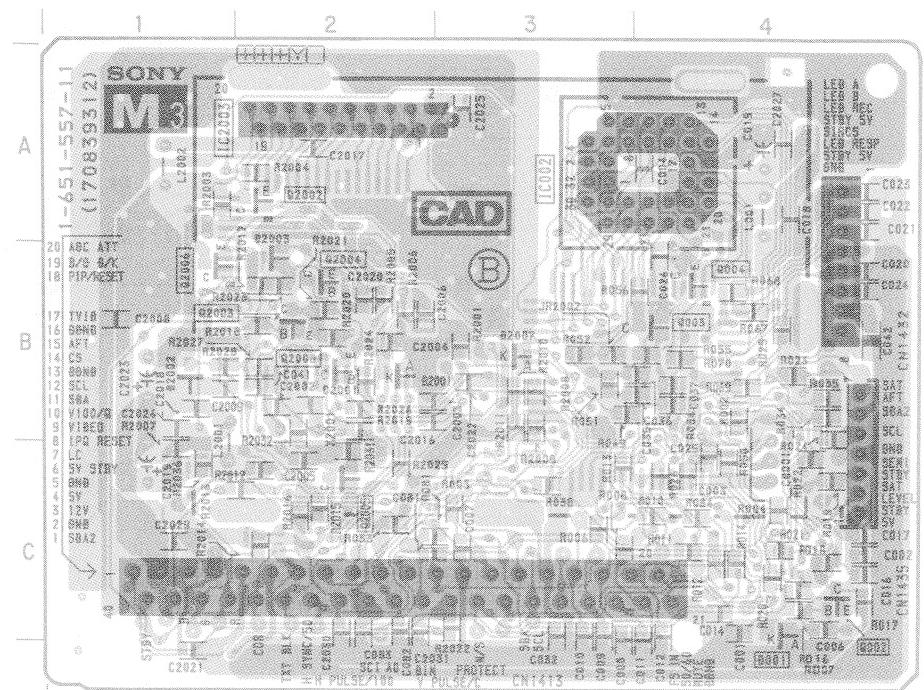


**M3**[MICRO COMPUTER, MEGATEXT,  
D-RAM, ROM]

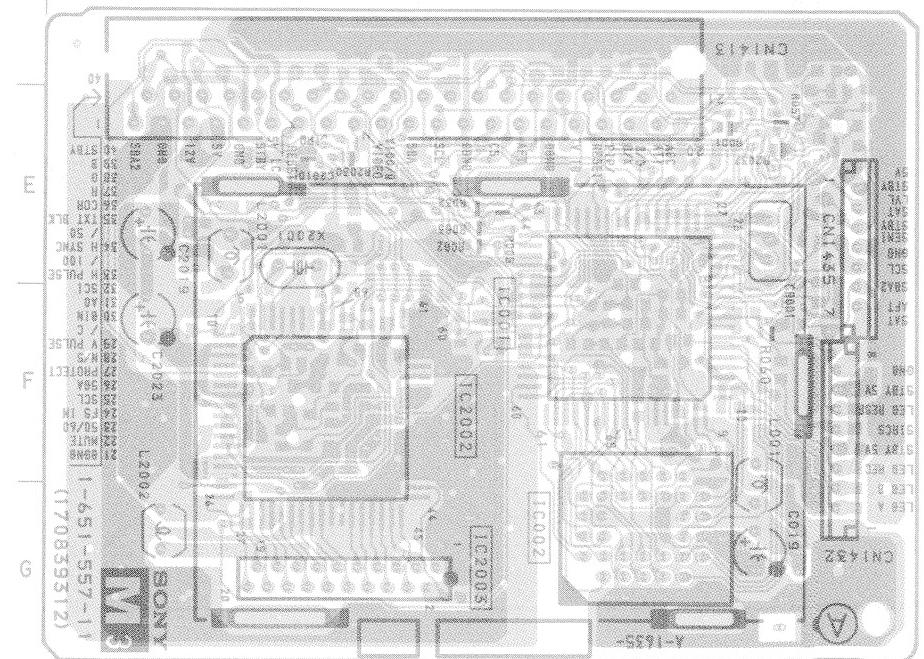
## — M3 Board — &lt;Conductor Side&gt;

## — M3 Board —

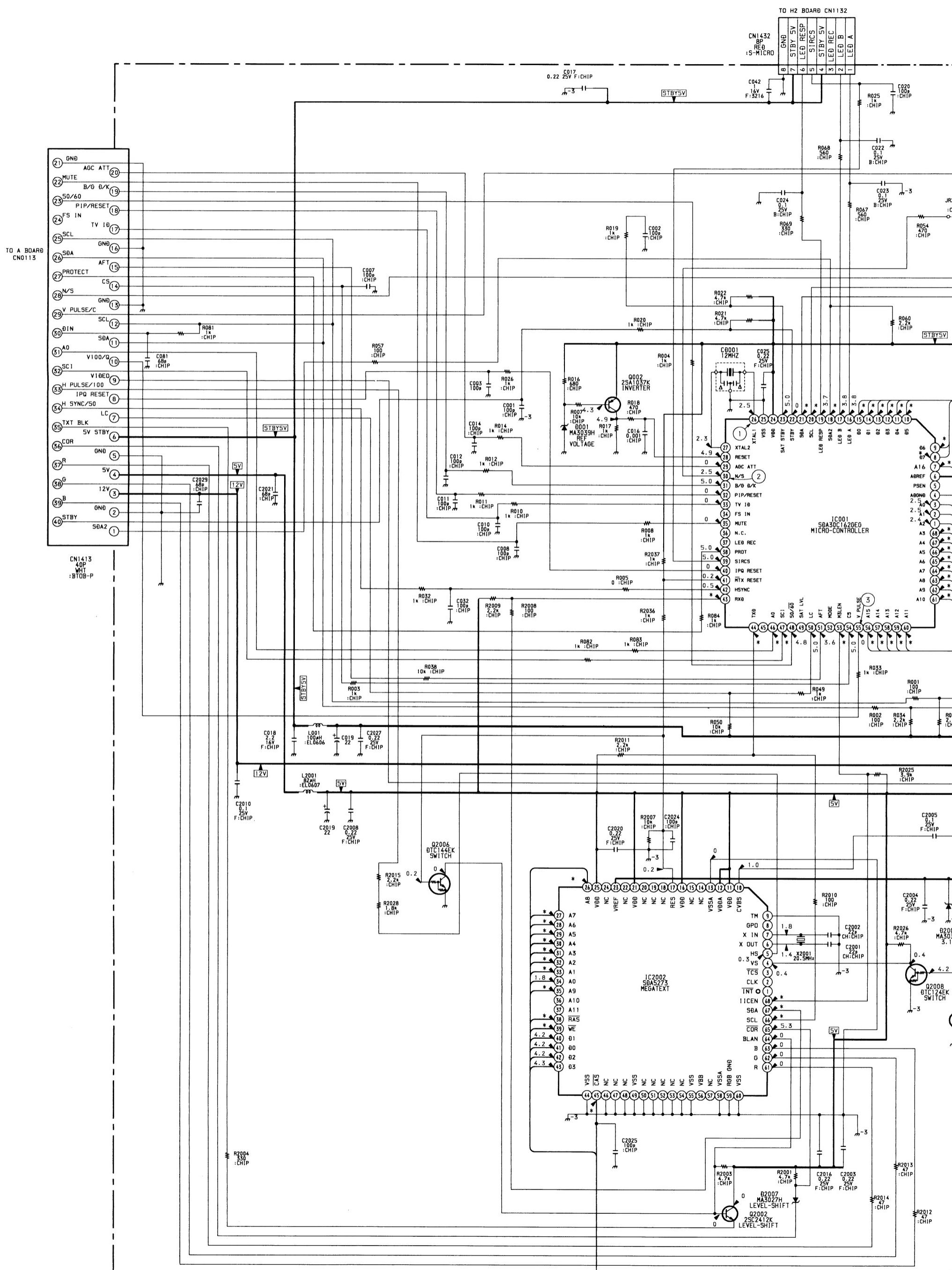
IC
IC001 F-3
IC002 G-3
IC2002 A-3
IC2003 A-2
TRANSISTOR
Q002 C-4
Q2002 A-2
Q2004 B-2
Q2005 C-2
Q2006 B-1
Q2008 B-2
DIODE
D001 D-4
D2001 B-2
D2007 B-3

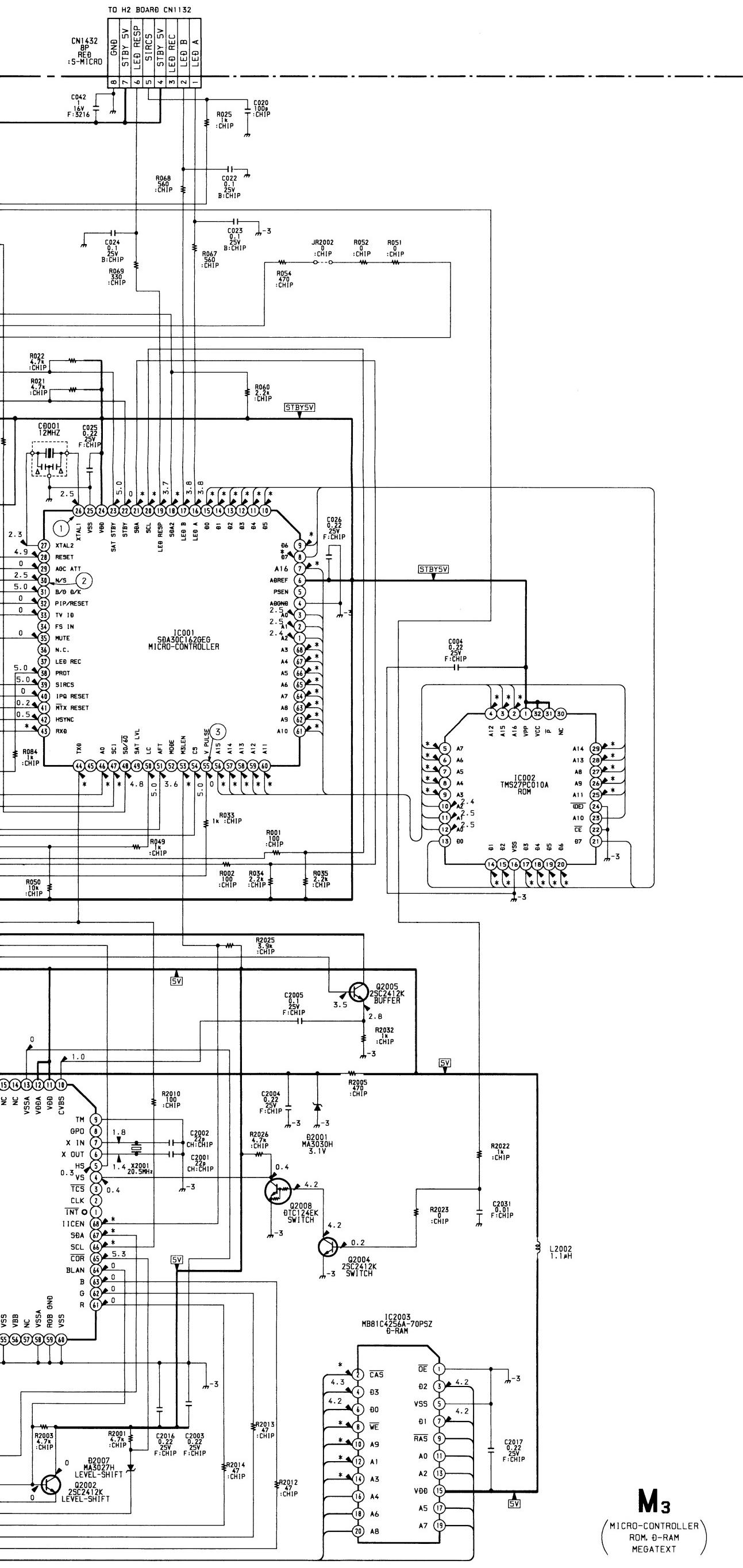


## — M3 Board — &lt;Component Side&gt;

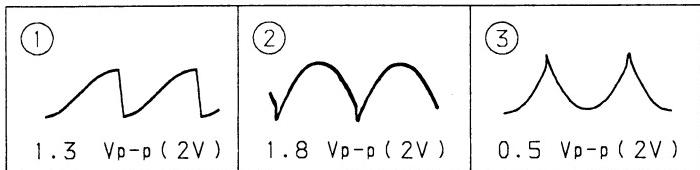


- : Pattern from the side which enables seeing.
- : Pattern of the rear side.





— D6 Board —



1 2 3 4 5 6 7 8 9 10 11

A

B

C

D

E

F

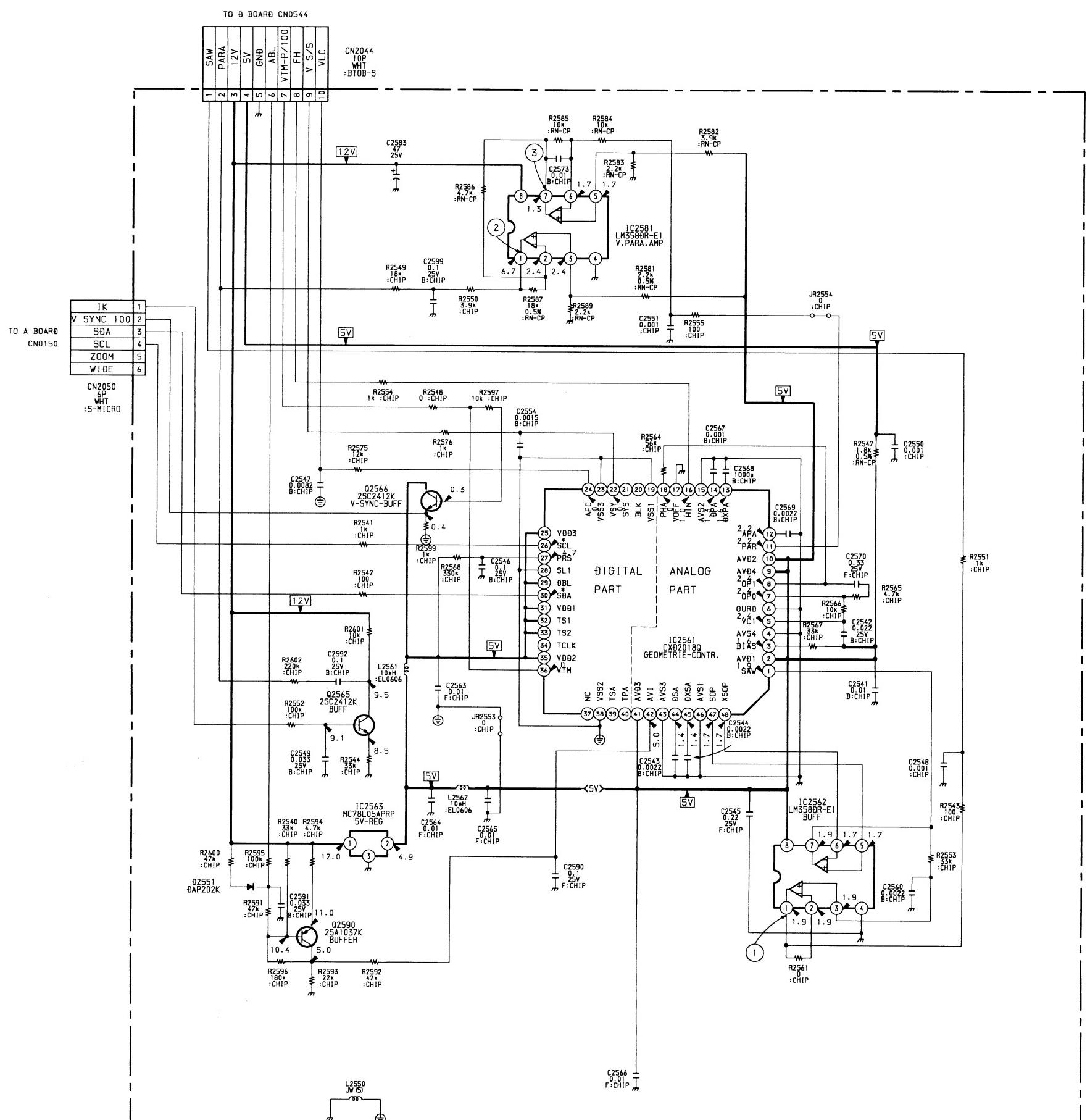
G

H

I

J

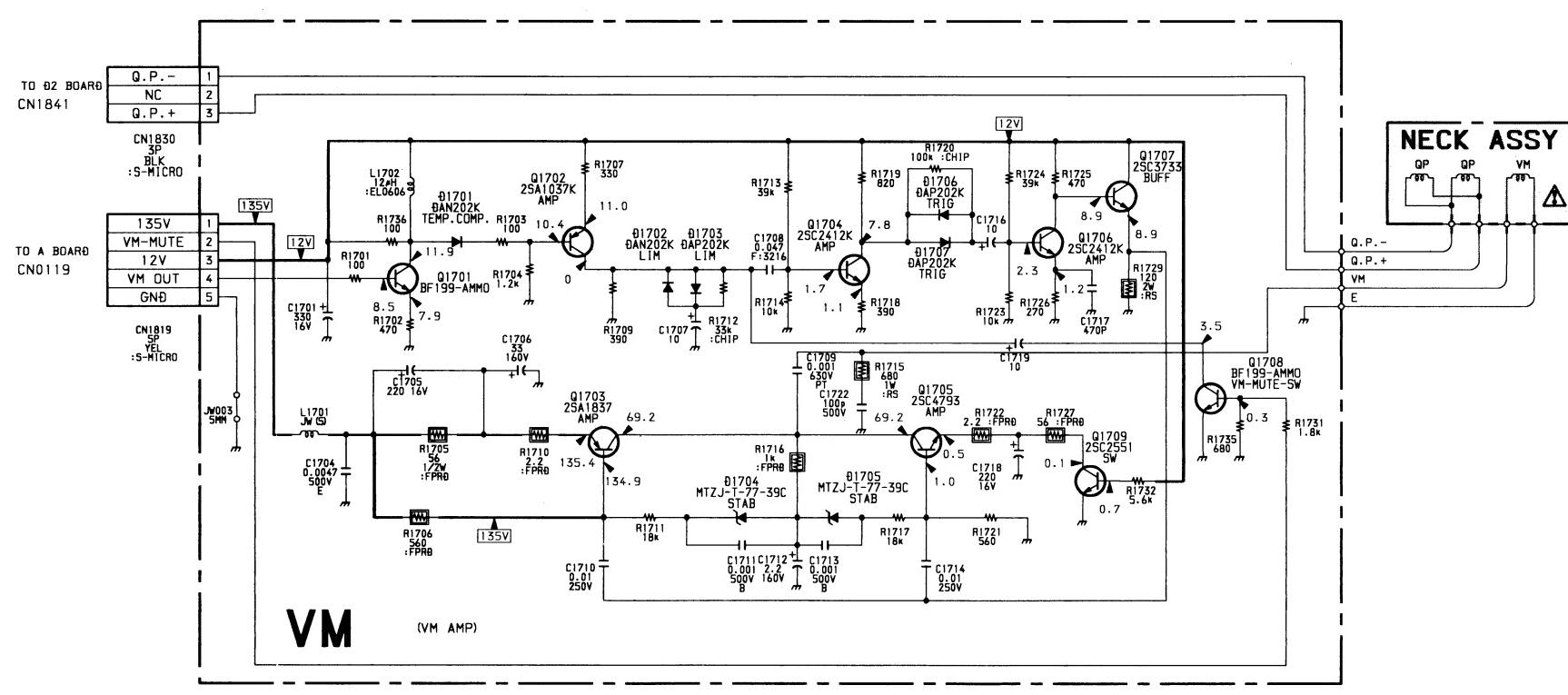
K



D6 (GEO METRIE CONTROL V. PARA. AMP)

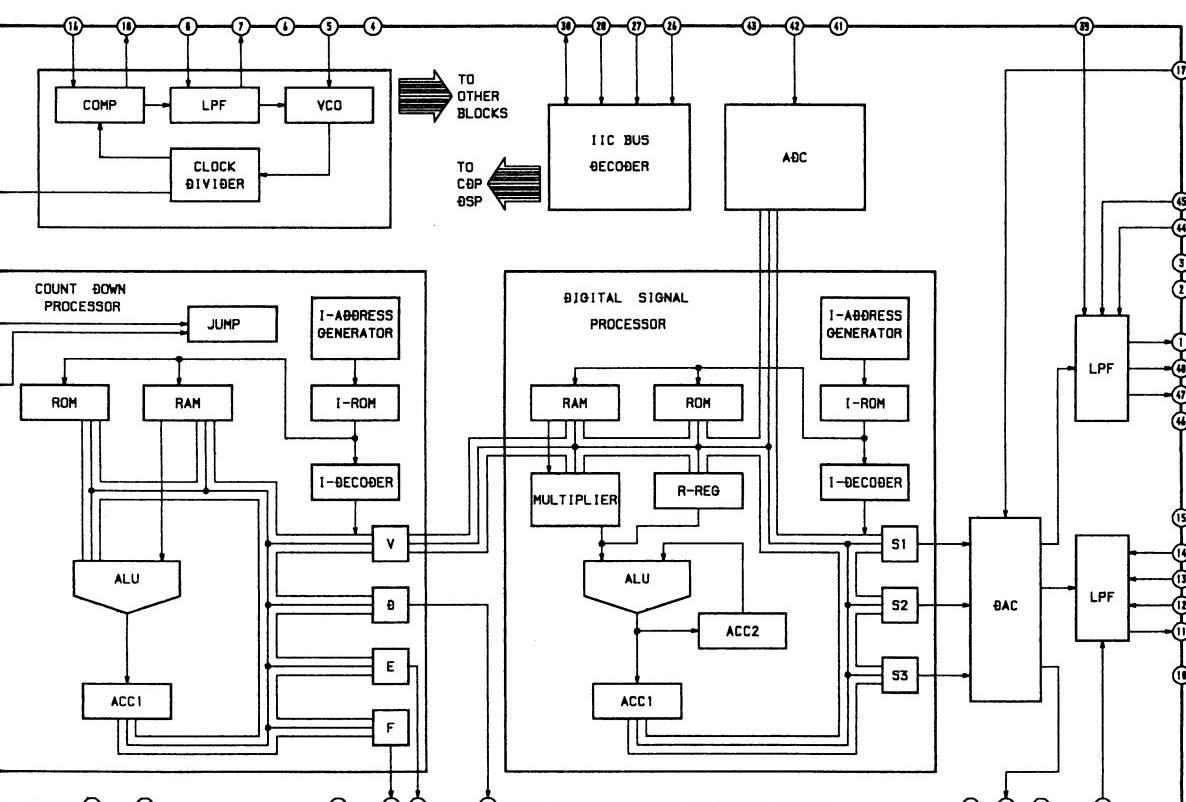
B-S54873<AEPI>-06.

12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22



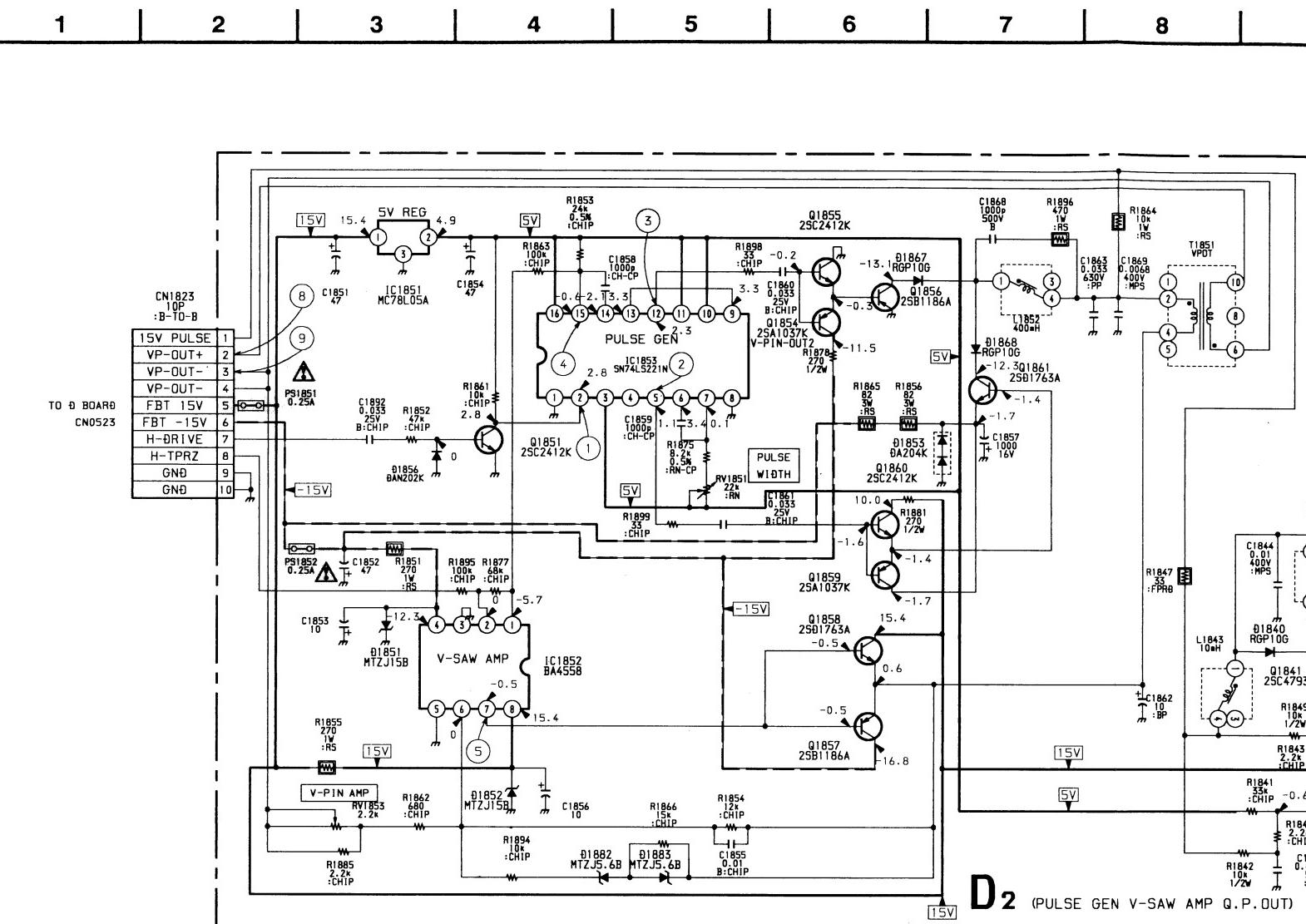
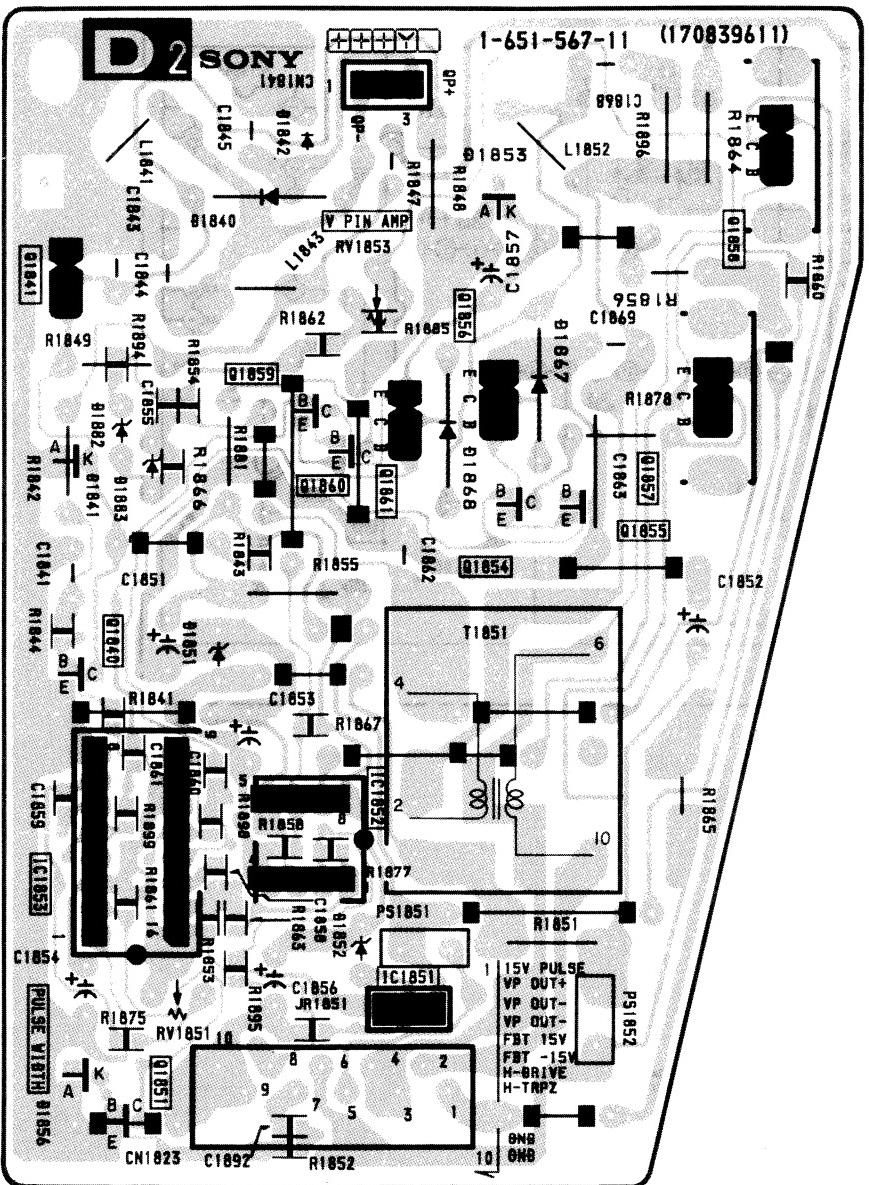
B-SS4873<AEP>-VM.

### BOARD IC2561 CXD2018Q

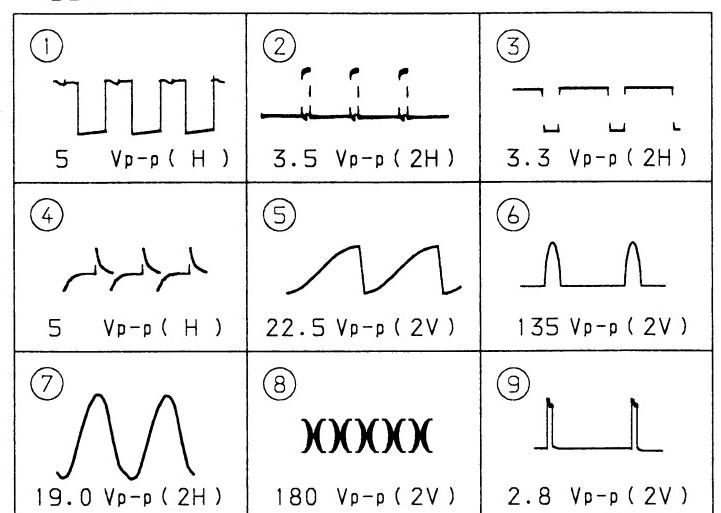


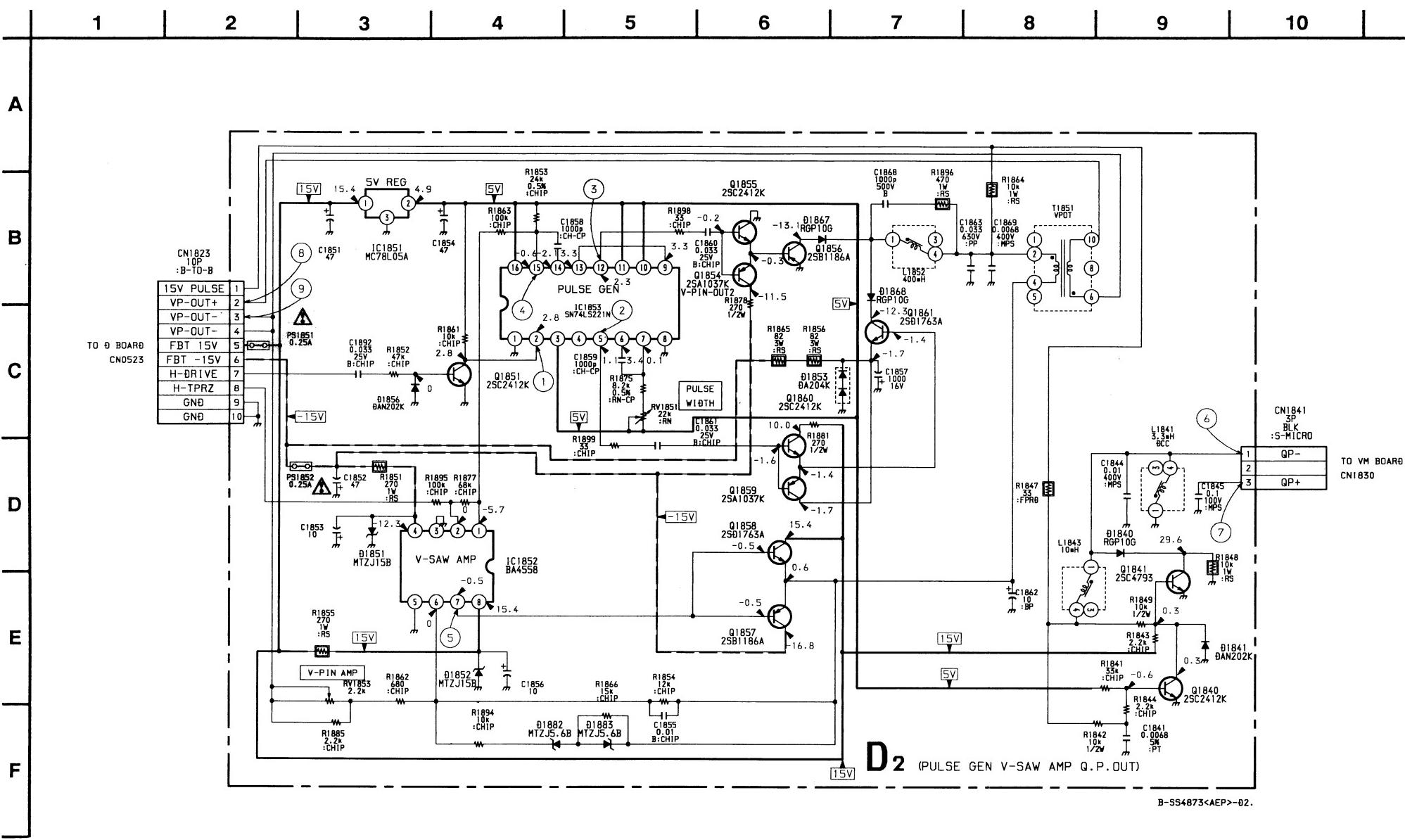
**D2** [Q.P DRIVE, Q.P. OUT,  
V PIN DRIVE, V-PIN OUT]

— D2 Board —



— D2 Board —

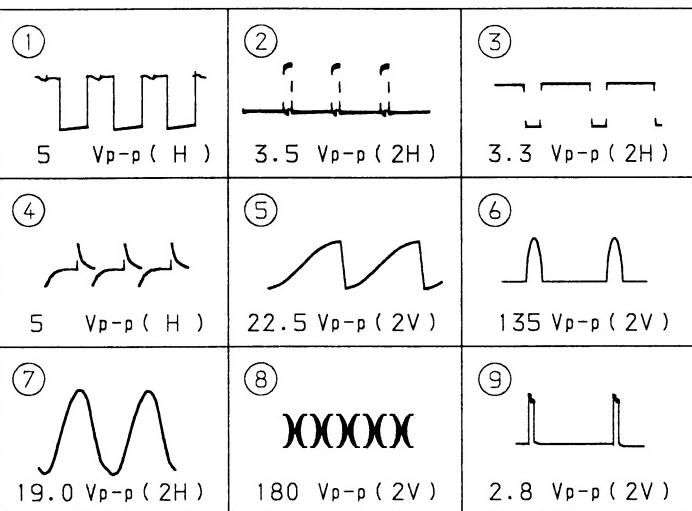




— D2 Board —

Ref. No.	Name	Function
IC1851	MC78L05A	5V REG
IC1852	BA4558	
IC1853	SN74LS221N	
Q1840	2SC2412K	Q.P. DRIVE
Q1841	2SC4793	Q.P. OUT
Q1851	2SC2412K	INVERTER
Q1854	2SA1037K	V PIN DRIVE 2
Q1855	2SC2412K	V PIN DRIVE 1
Q1856	2SB1186A	V PIN OUT 2
Q1857	2SB1186A	VCC OUT 2
Q1858	2SD1763A	VCC OUT 1
Q1859	2SA1037K	V PIN DRIVE 3
Q1860	2SC2412K	V PIN DRIVE 4
Q1861	2SD1763	V PIN OUT 1
D1840	RGP10G	SWITCH
D1841	DAN202K	PROTECT
D1851	MTZJ15B	-12V REG
D1852	MTZJ15B	+12V REG
D1853	DA204K	LEVEL SHIFT
D1856	DAN202K	PROTECTOR
D1867	RGP10G	V PIN SWITCH 1
D1868	RGP10G	V PIN SWITCH 2
D1882	MTZJ5.6B	S CORRECTION 1
D1883	MTZJ5.6B	S CORRECTION 2

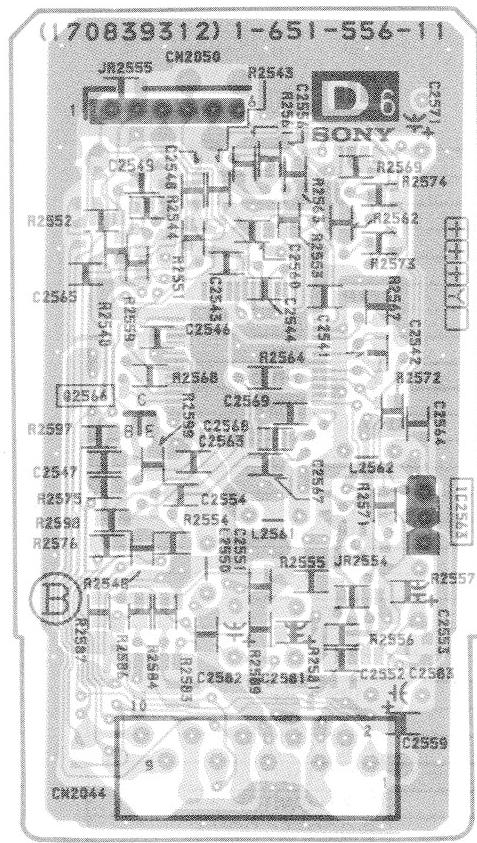
— D2 Board —



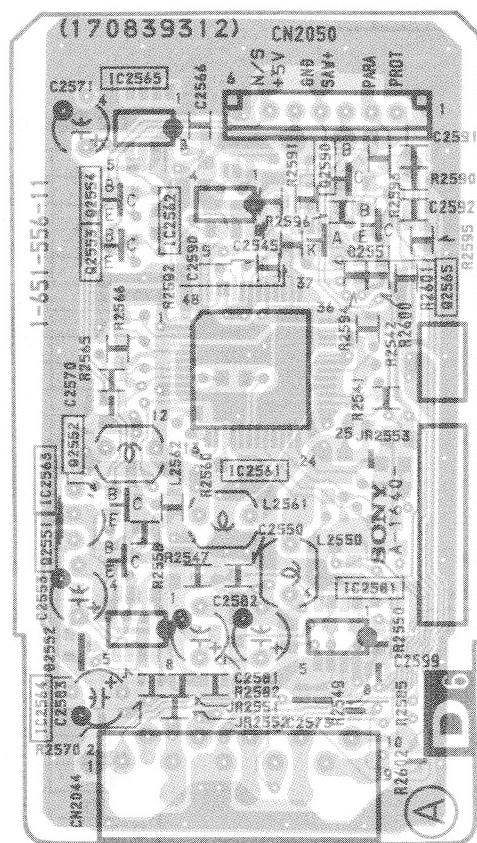
**D6**GEOMETRIE CONTROLLER,  
V PARA AMP, BUFFER**VM**

[VM AMP]

## — D6 Board — &lt;Conductor Side&gt;



## — D6 Board — &lt;Component Side&gt;

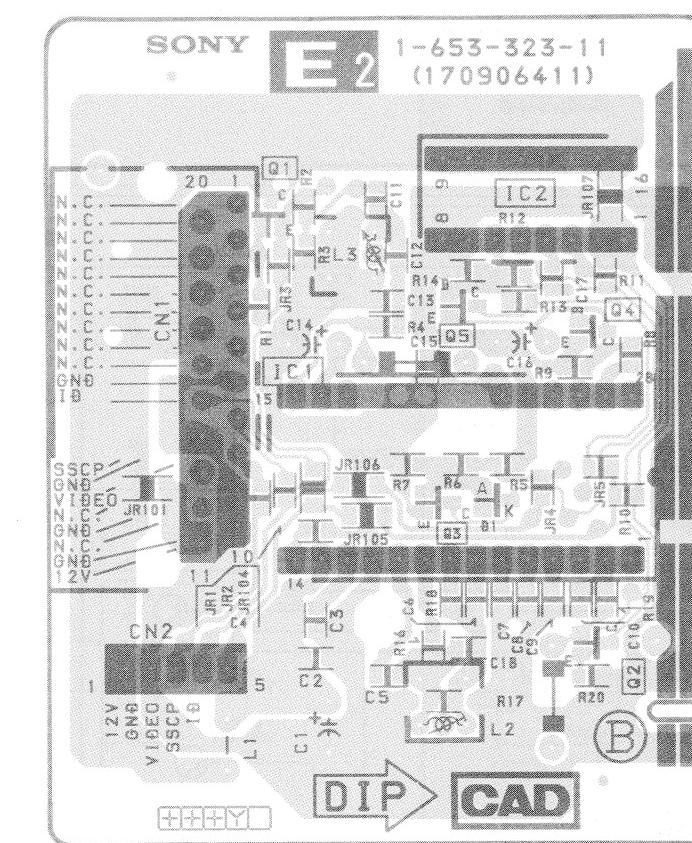
**E2**

[SECAM-IDENT]

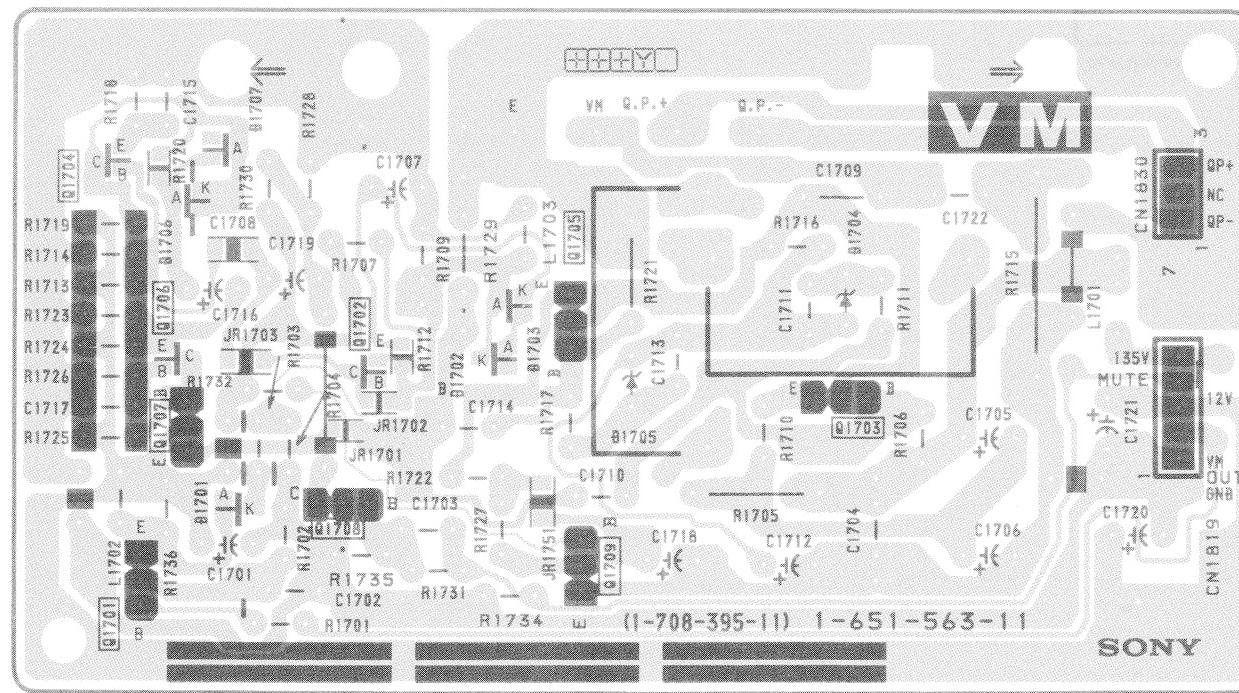
**F1**

[POWER SWITCH]

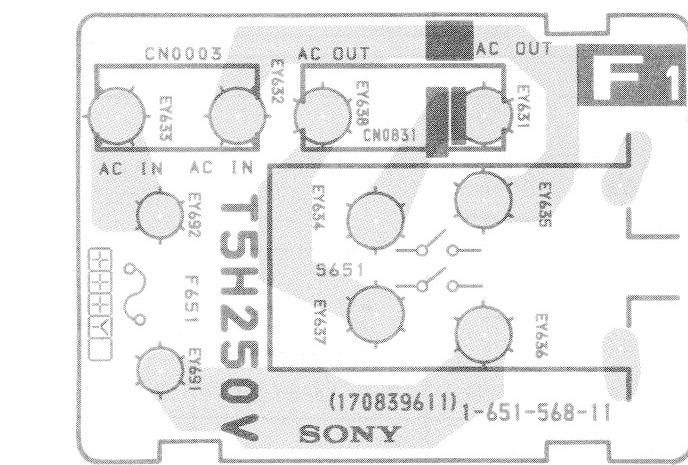
## — E2 Board —



## — VM Board —



## — F1 Board —

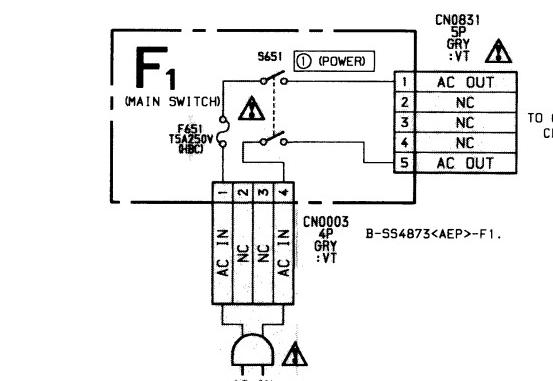
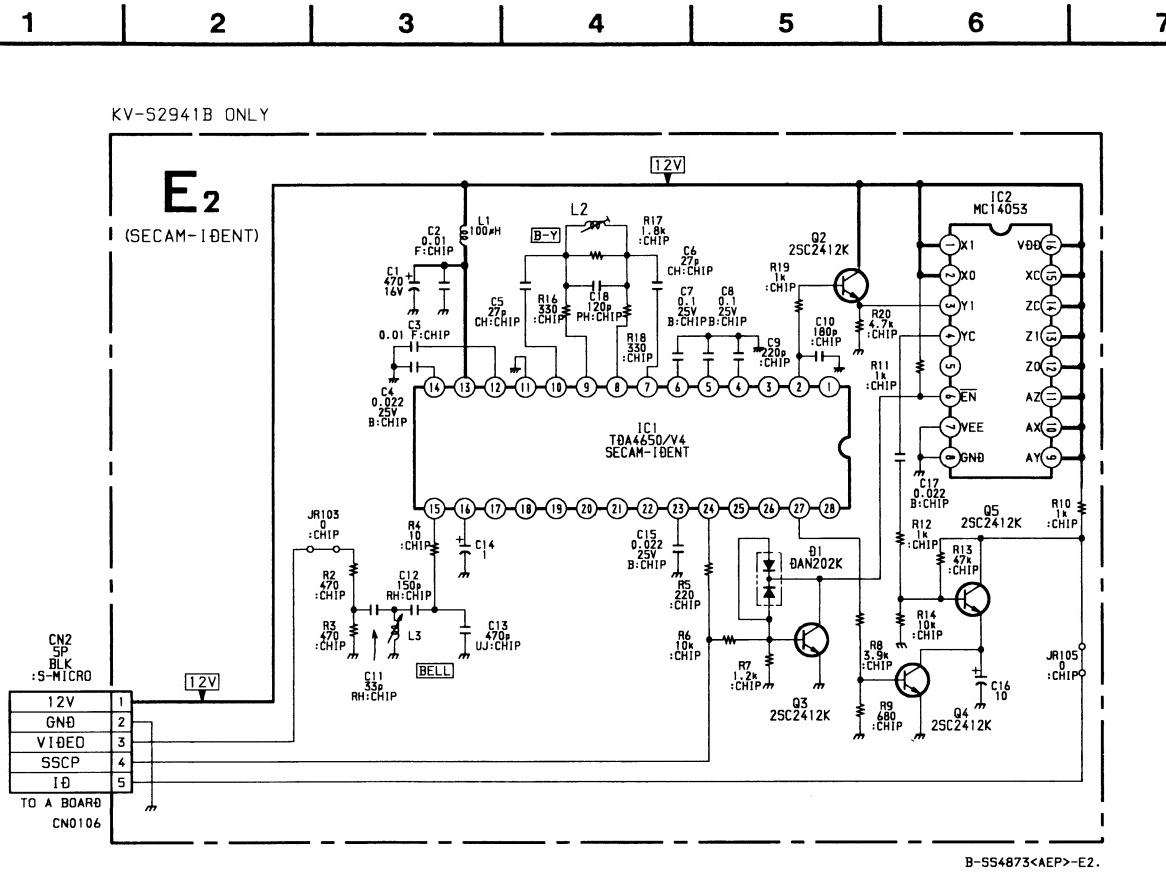
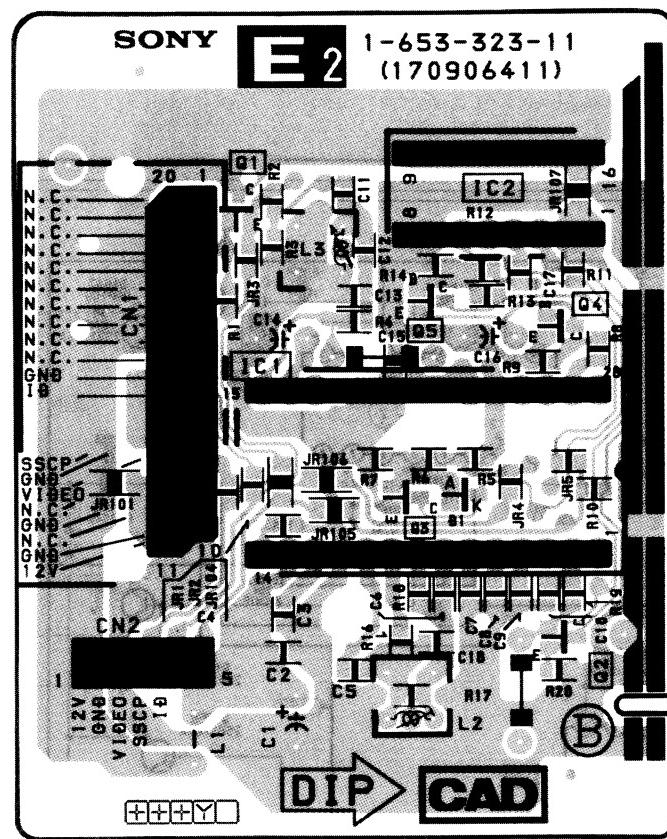


**E2**

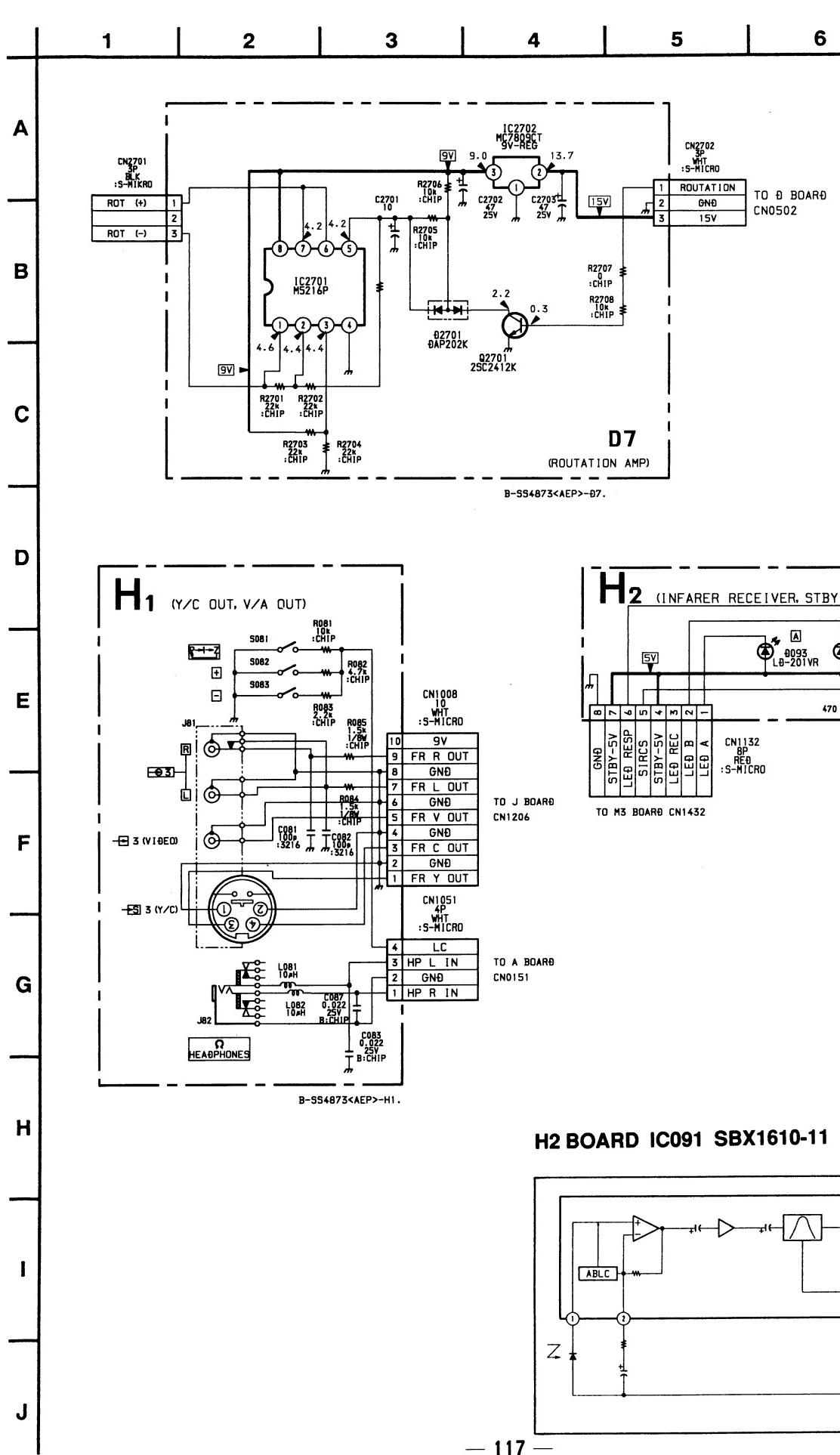
[SECAM-IDENT]

**F1**

[POWER SWITCH]

**— E2 Board —**

1 | 2 | 3 | 4 | 5 | 6

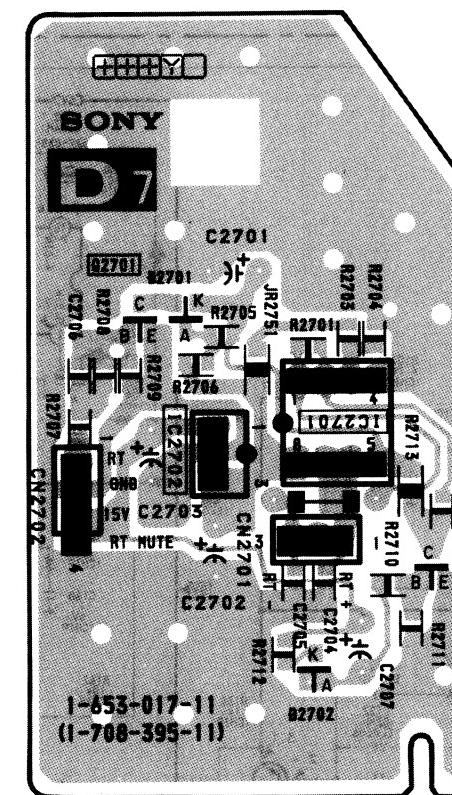


**D7** [ROTATION AMP]

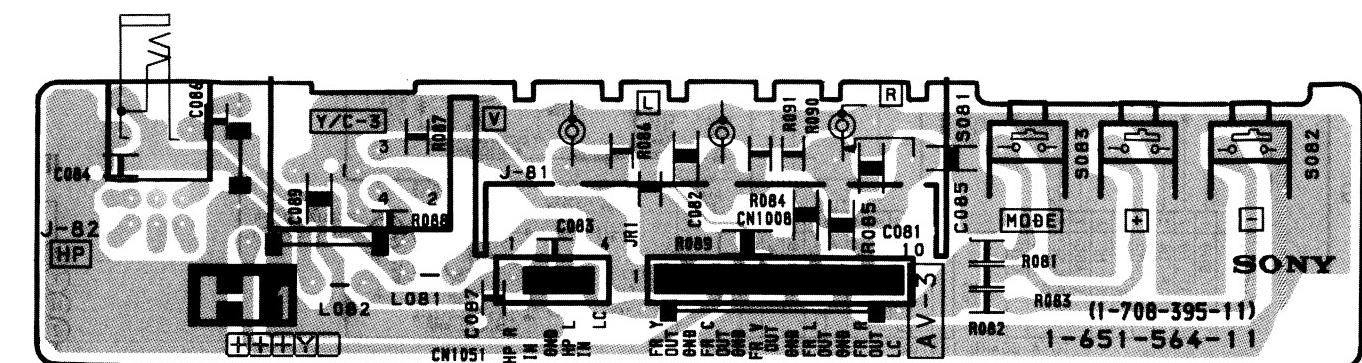
**H1** [AUDIO/VIDEO IN, Y/C IN]

**H2** [INFRARED RECEIVER, INDICATOR]

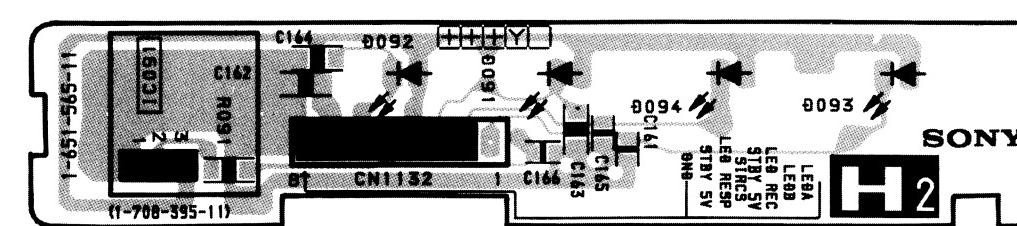
— D7 Board —



— H1 Board —



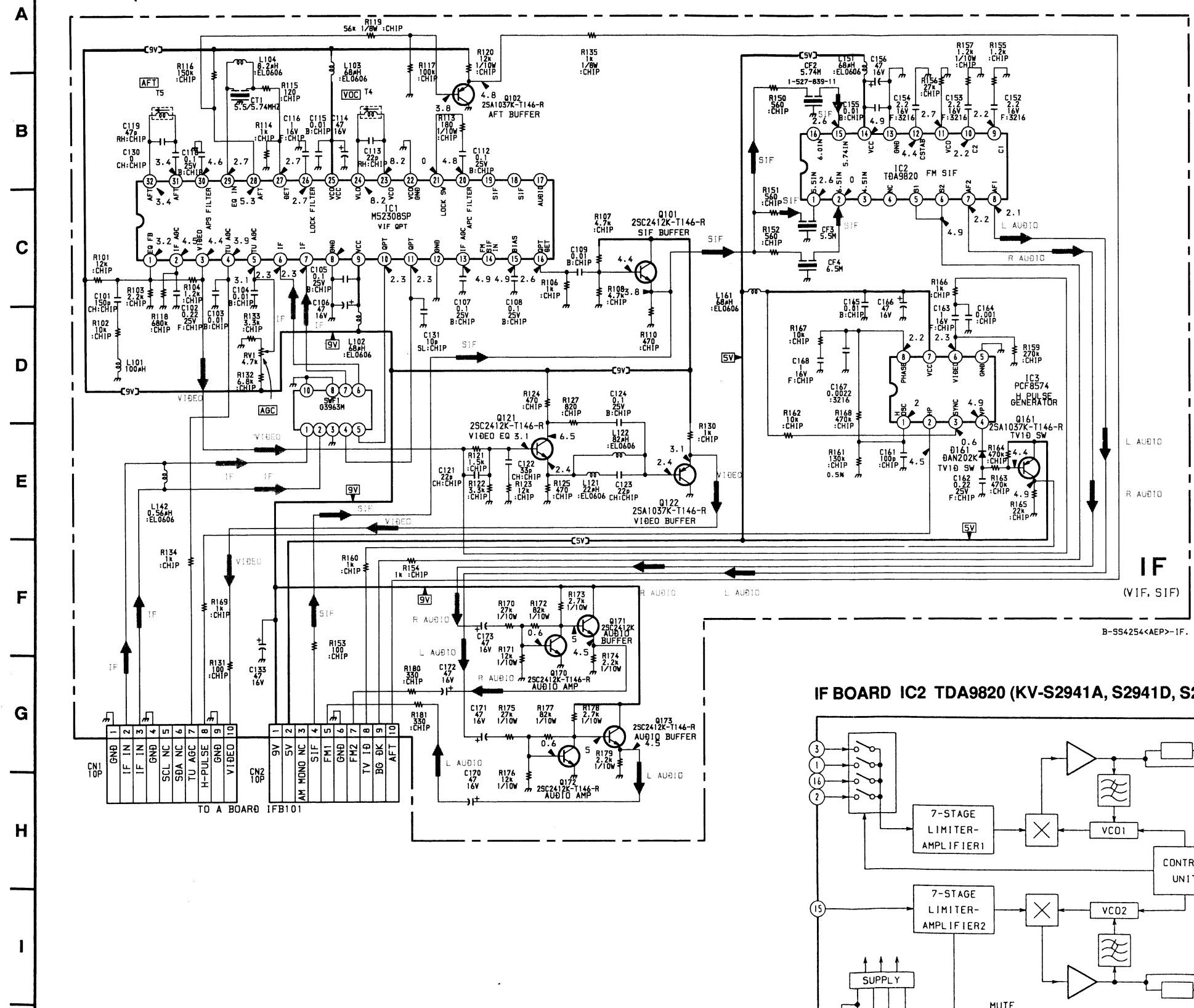
— H2 Board —



[VIF, SIF]

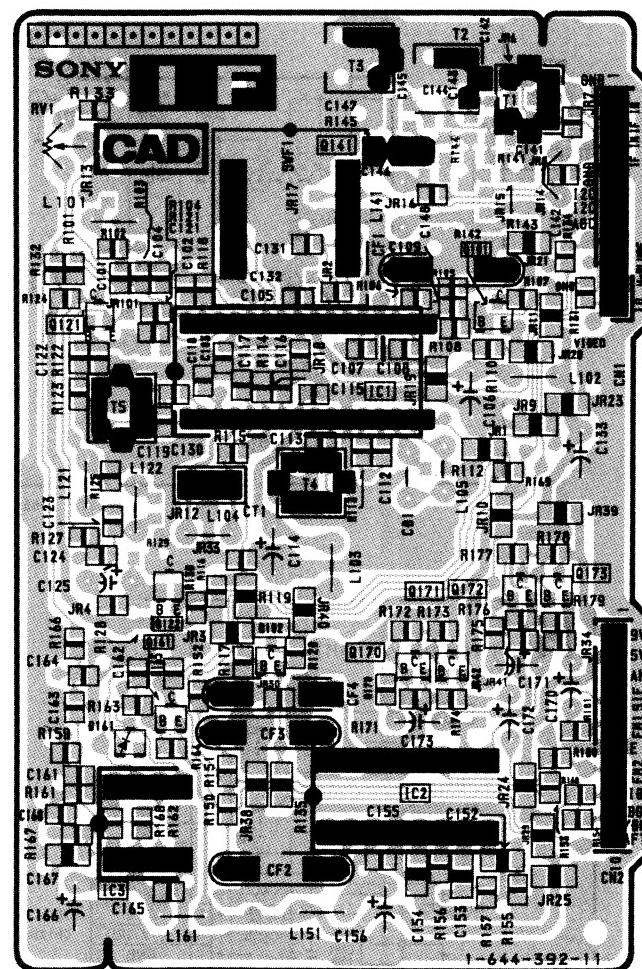
— IF Board — (KV-S2941A, S2941D, S2943E, S2941K)

## **IFH-389 (KV-S2941A, S2941D, S2943E, S2941K)**



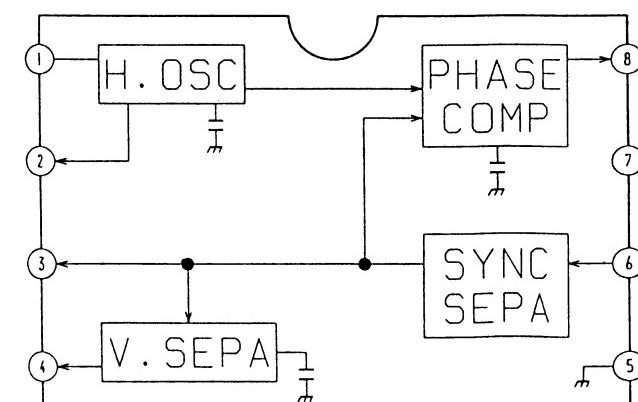
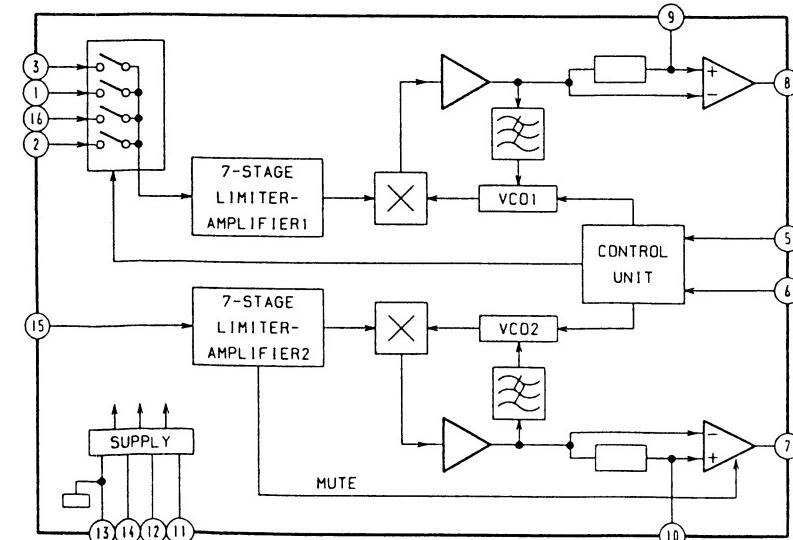
## Schematic diagram

**IF** board →

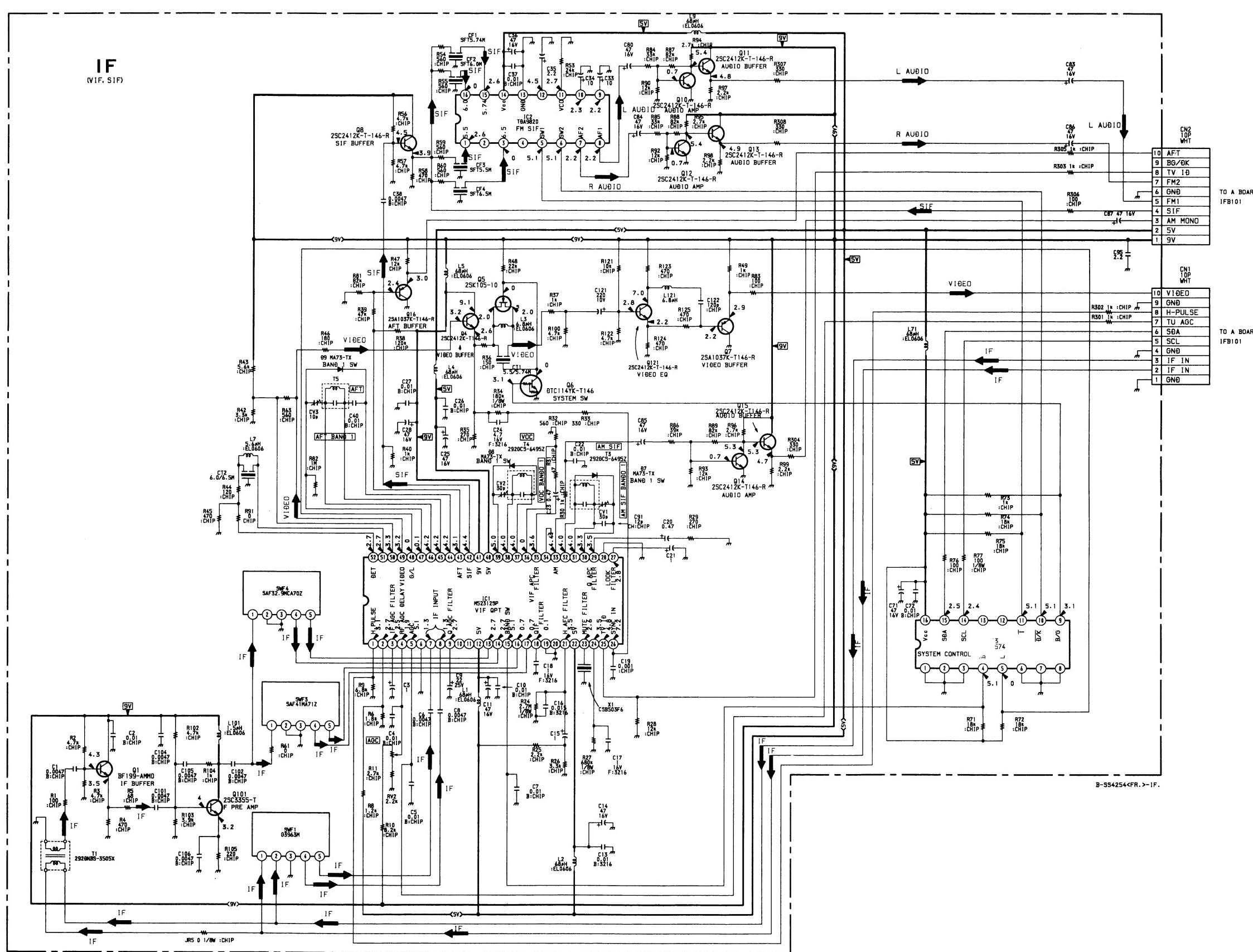


IF BOARD IC3 BA7040

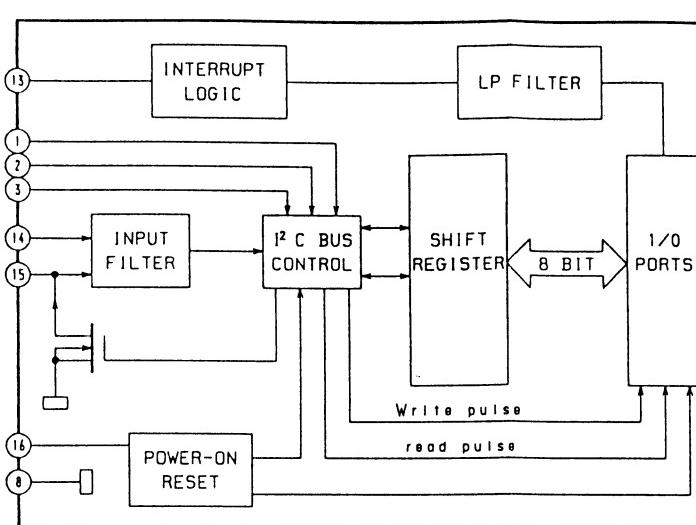
(KV-S2941A, S2941D, S2943E, S2941K, S2942U)

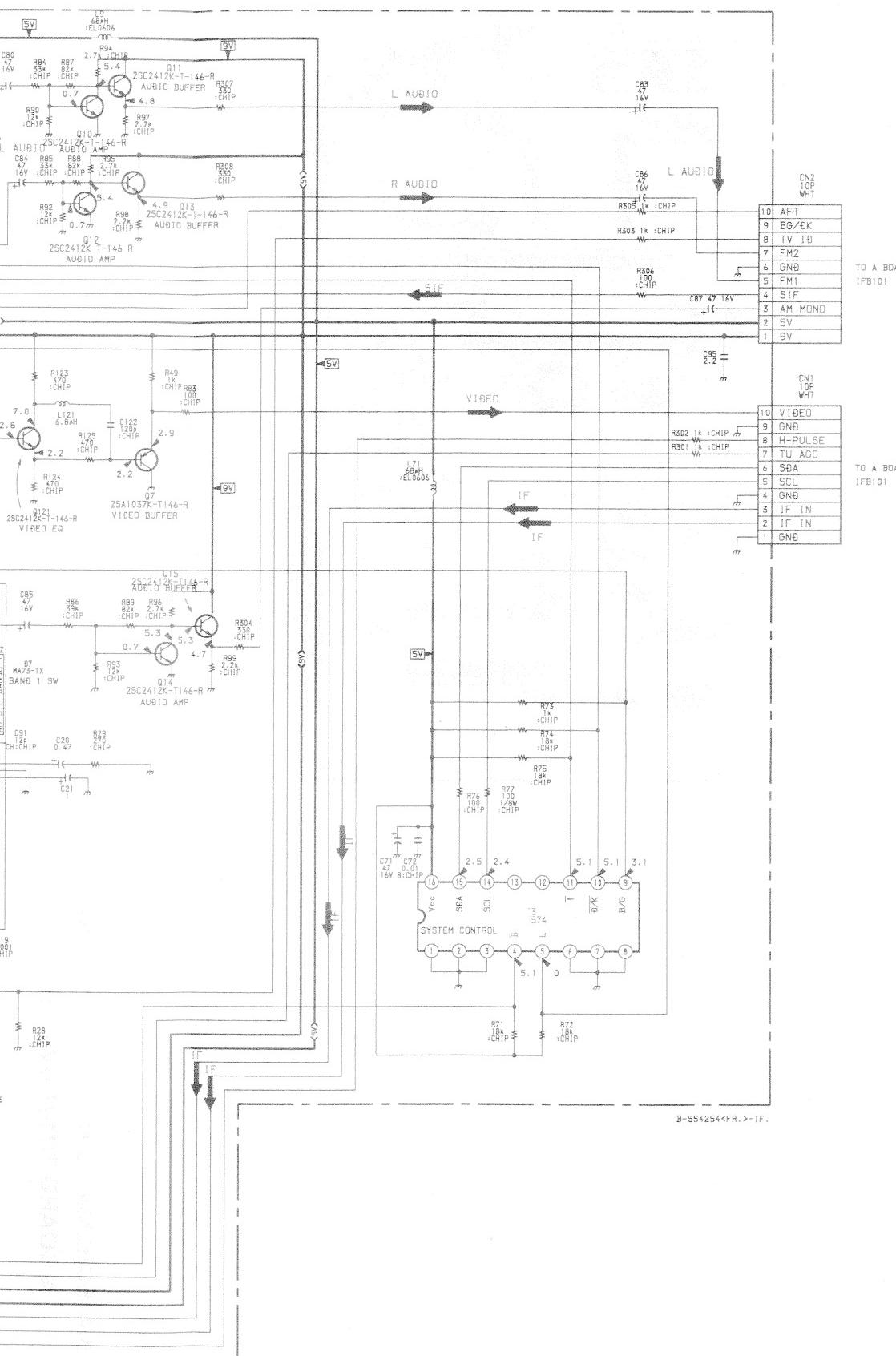


## IFH-389F (KV-S2941B)

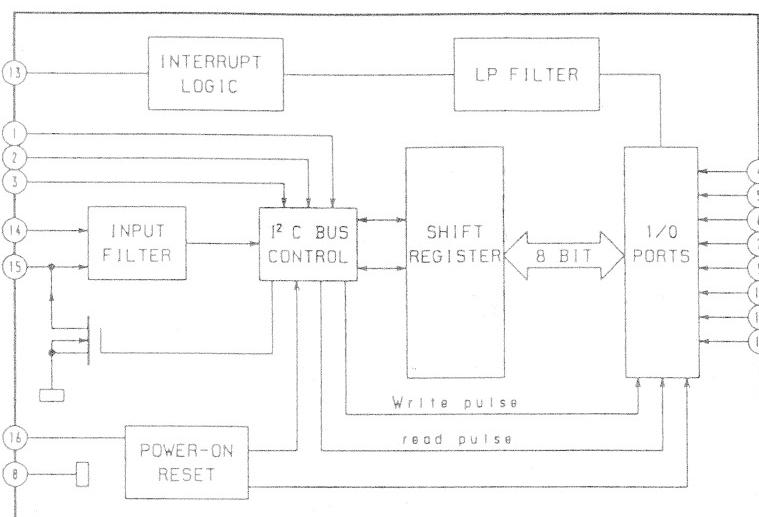


## IF BOARD IC3 PC8574 (KV-S2941B)



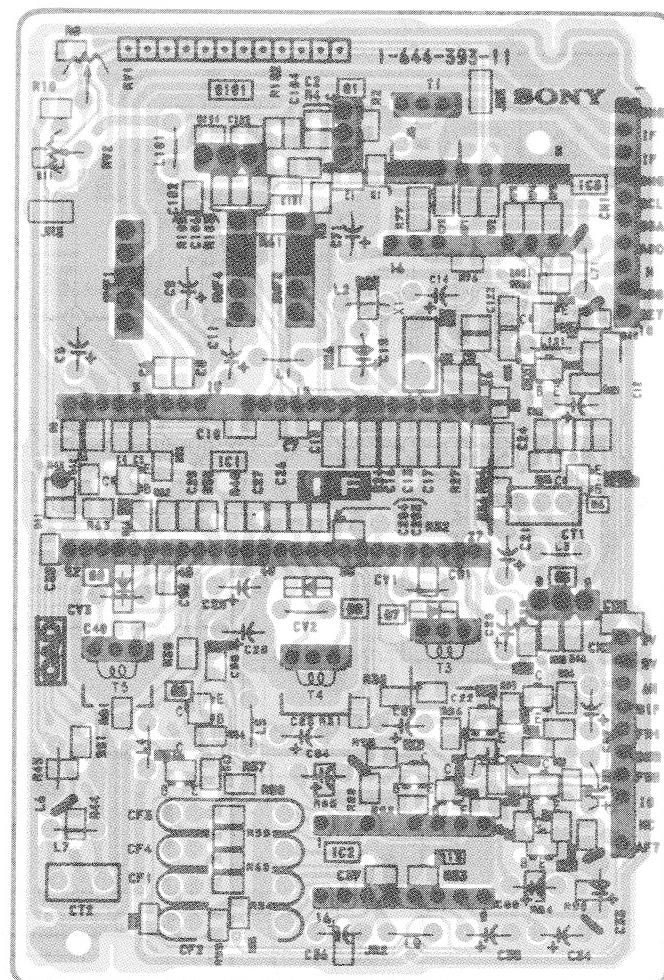


IF BOARD IC3 PC8574 (KV-S2941B)

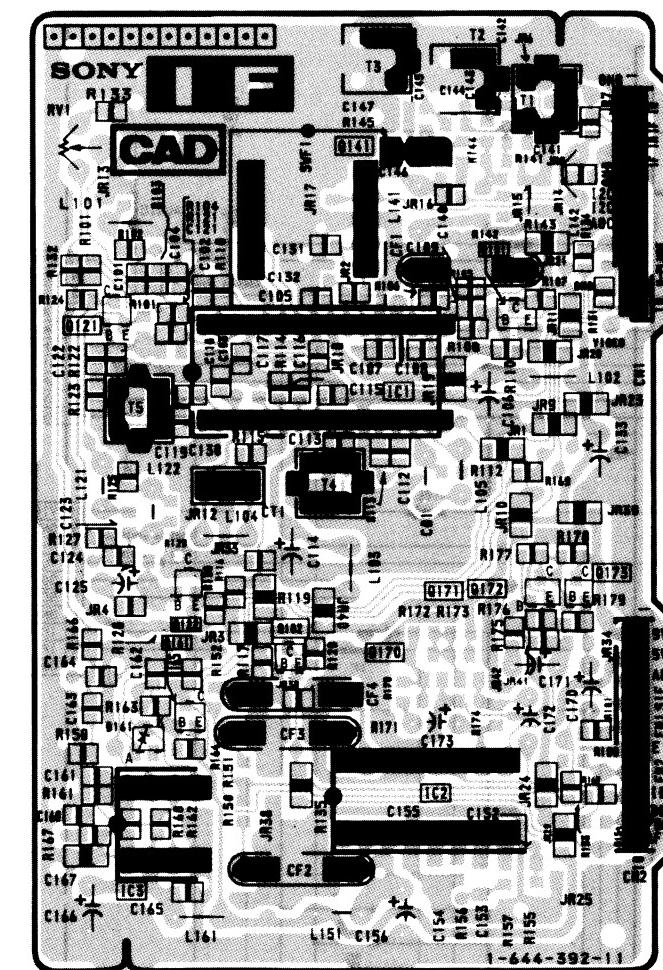
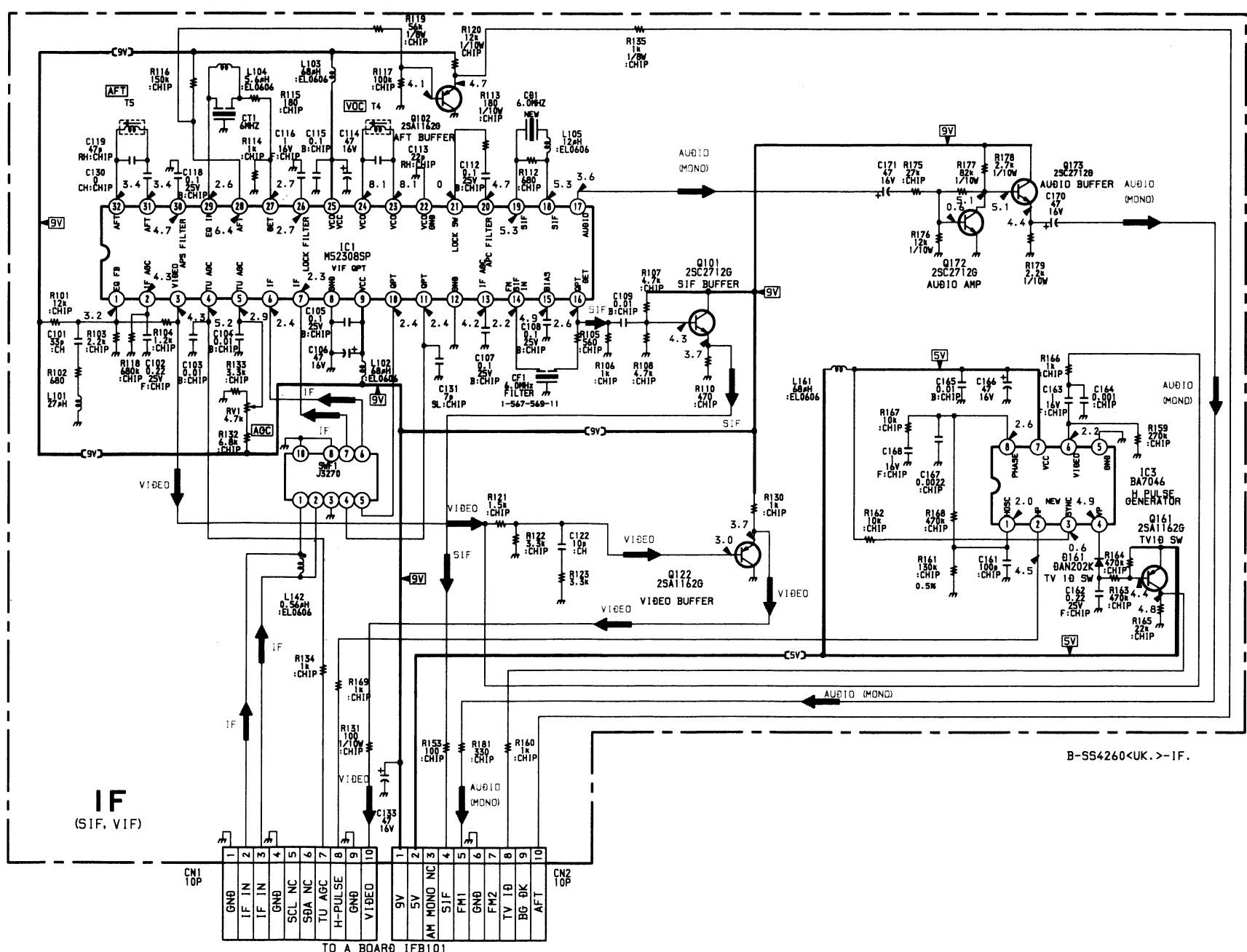


IF [VIF, SIF]

— IF Board — (KV-S2941B)



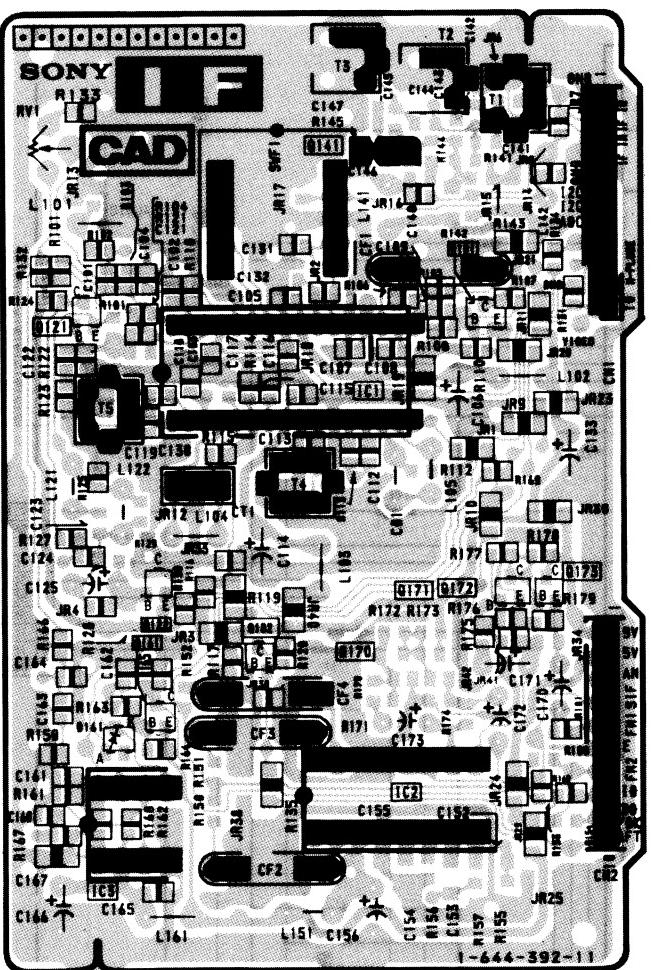
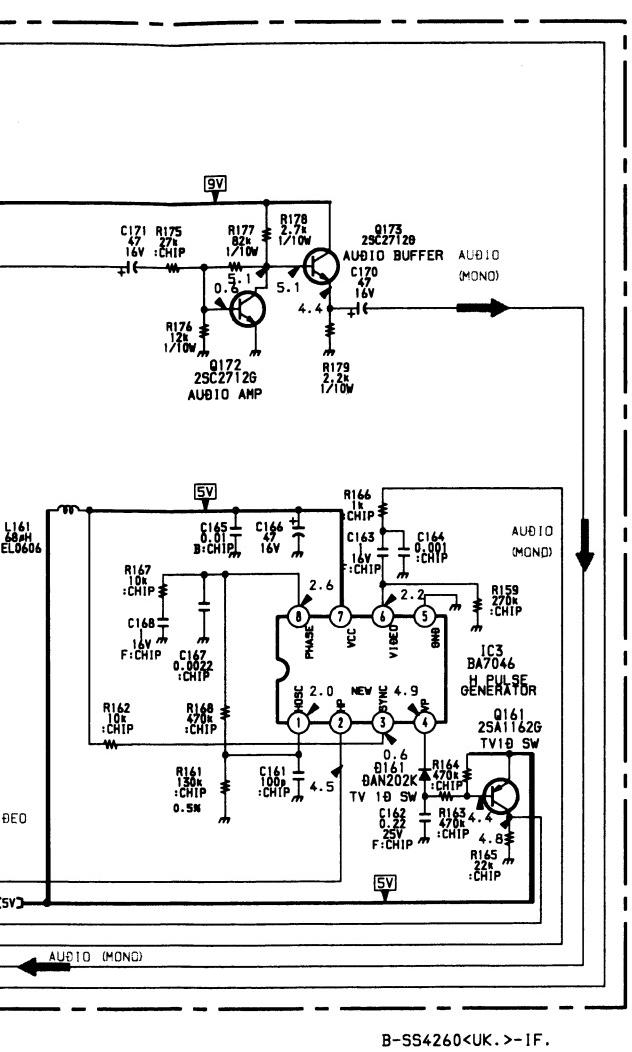
- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

**IFH-385 (KV-S2942U) U only)**


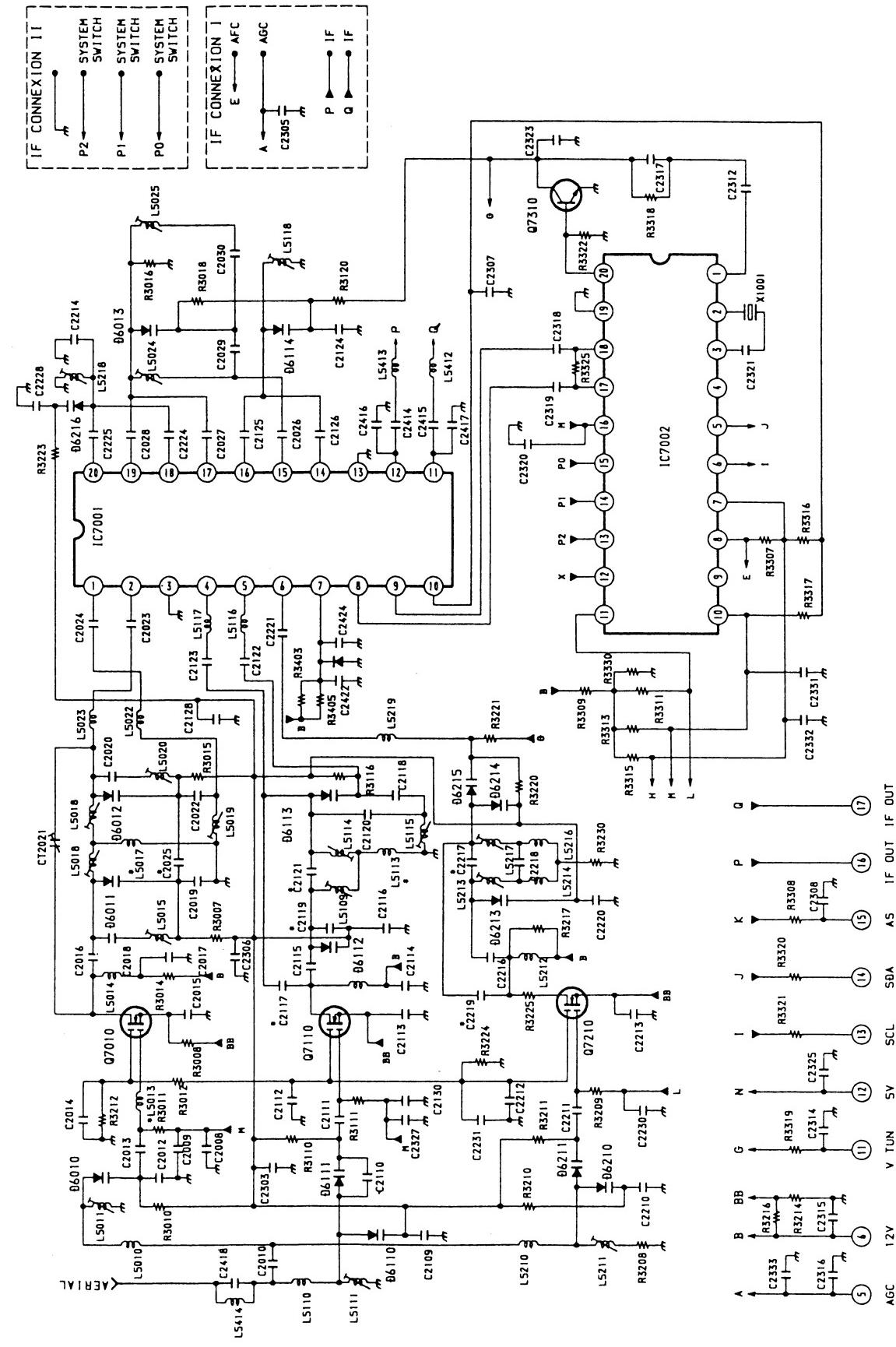
5-4. SCHEMATIC DIAGRAM OF TUNER  
A BOARD TU101 UV916H

**IF** [VIF, SIF]

— IF Board — (KV-S2942U)

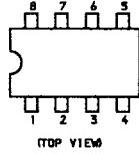


## 5-4. SCHEMATIC DIAGRAM OF TUNER A BOARD TU101 UV916H

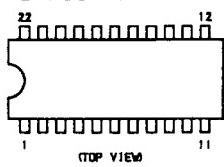


## 5-5. SEMICONDUCTORS

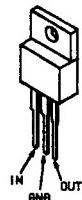
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SDA9086-5  
ST24C16CB1  
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TEA2114  
 $\mu$ PC393C  
 $\mu$ PC4558C  
TDA2822M



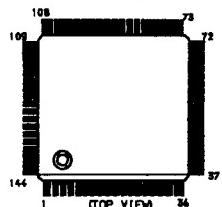
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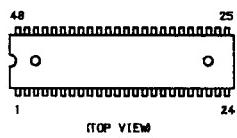
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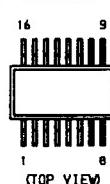
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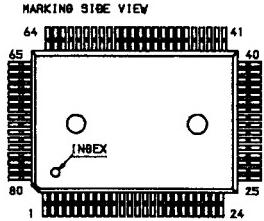
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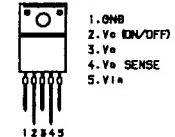
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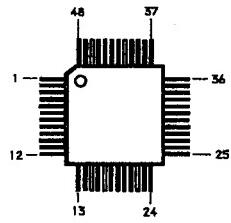
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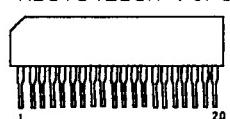
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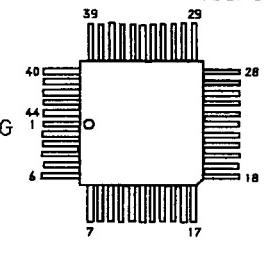
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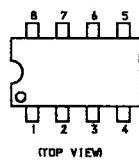
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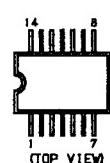
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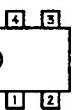
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MC74F08DR2

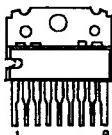


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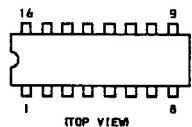


1. VCC  
2. NC  
3. VOUT  
4. GND

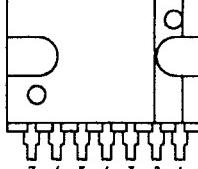
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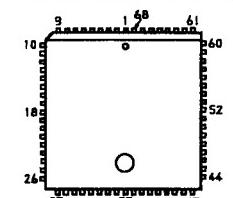
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MC34025P  
SN74LS221N  
TDA4661T/V2  
YM7128  
 $\mu$ P94053BC



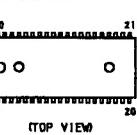
MC7815CT



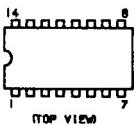
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SDA5273P-C22-GEG



TDA2579B



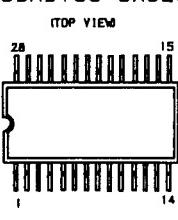
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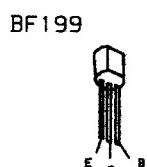
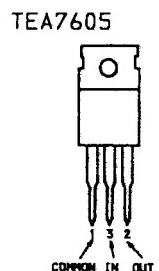
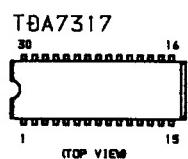
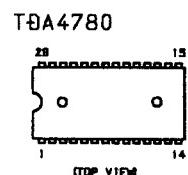
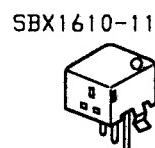
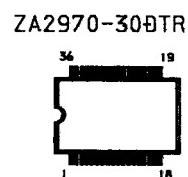
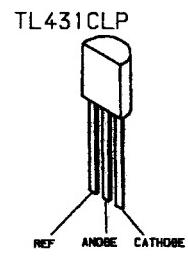
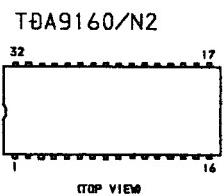
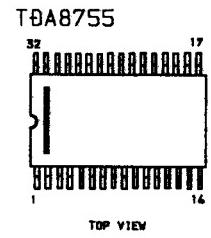
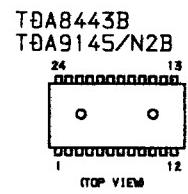


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MC78L08ACPRP  
NJM78L05A

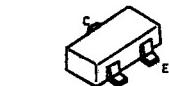


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SDA9188-3XGEG

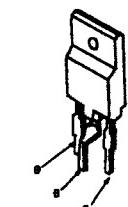




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DTA114TK  
DTA144EK  
DTA144TK  
DTC114EK  
DTC124EK  
DTC144EK  
JC501Q  
2SA1037K  
2SA1162-G  
2SC1623-L5L6  
2SC2412K  
2SC2412K-QR  
2SC2413KQ  
2SC2413KT146-Q  
2SC2413KQ  
2SC2785-HFE



IRFI740G

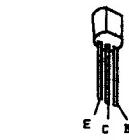


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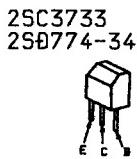
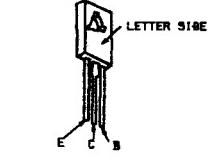
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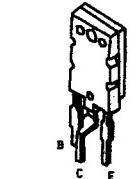
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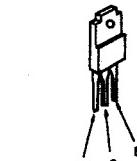
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2SC788-5



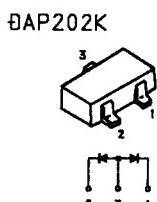
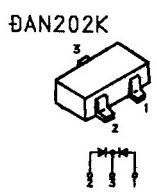
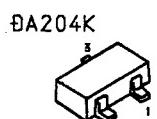
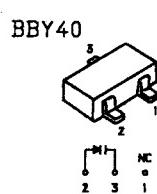
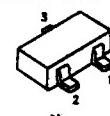
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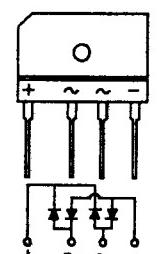
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2SD1763A



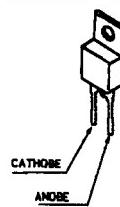
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MA3039H-TX  
MA3056M  
RD5.6M-B2



D4SB60L  
RBA402L  
RBA406B



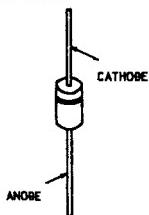
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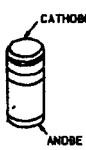
MA3027H



EGP10GPKG23  
EGP10B



MA3051L-TX  
MA3056H-TX



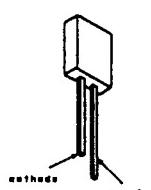
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EL1Z  
GP08Ø  
GP08ØPKG23  
MTZJ-9.1  
NTZJ-33C  
NTZJ-39C  
RGP02-20EL-6394  
RGP10GPKG23  
1SS83

MTZJ-13B  
MTZJ-15B  
MTZJ-18B  
MTZJ-3.6A  
MTZJ-36B  
MTZJ-5.1B  
MTZJ-5.6B  
MTZJ-7.5A  
MTZJ-9.1B  
RØ15ESB2  
RØ18ESB2  
RØ5.1ESB2  
RØ5.6ESB2  
RØ7.5ESB2  
1SS133  
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ERC38-06



LØ-201VR



ESAØ39M-06C



## SECTION 6

### EXPLODED VIEWS

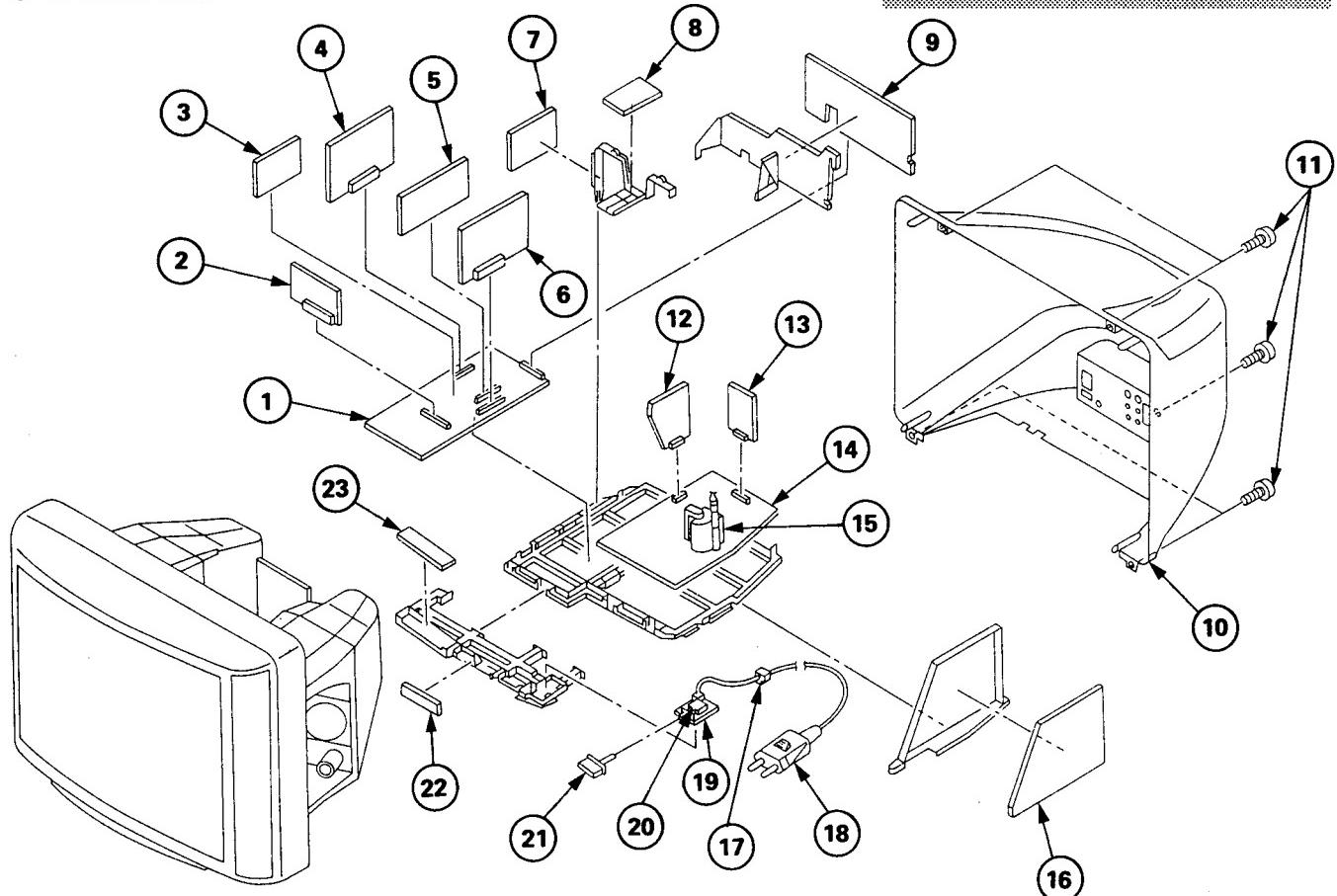
**NOTE:**

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

The components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

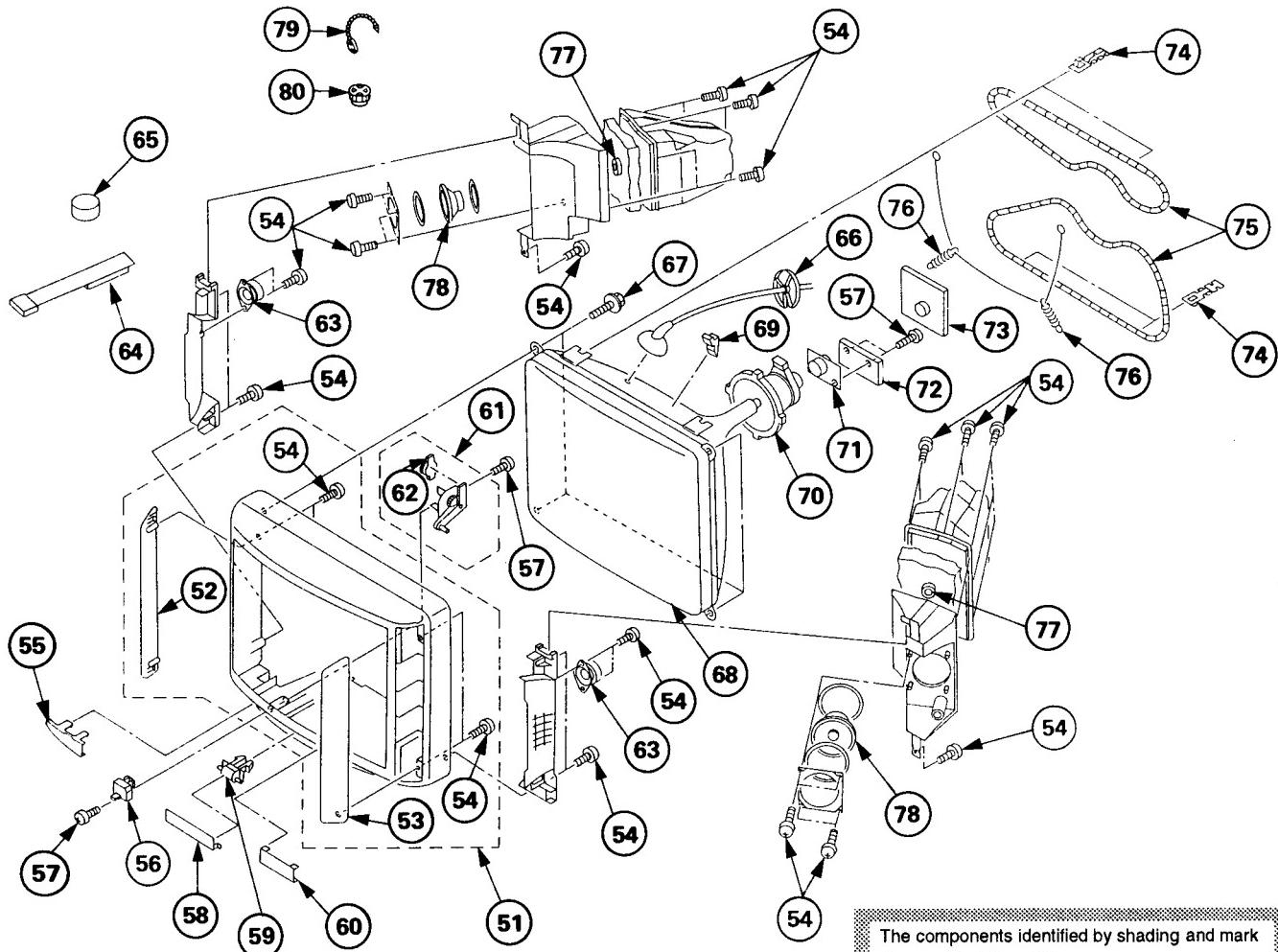
Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

#### 6-1. CHASSIS



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
1	*A-1632-172-A	A BOARD, COMPLETE (KV-S2941A, S2941D, S2943E, S2941K)		13	*A-1640-125-A	D6 BOARD, COMPLETE	
	*A-1632-187-A	A BOARD, COMPLETE (KV-S2941B)		14	*A-1642-110-A	D BOARD, COMPLETE	
	*A-1632-188-A	A BOARD, COMPLETE (KV-S2942U)		15	8-598-943-00	TRANSFORMER ASSY, FLYBACK(NX-2661/U2B)	
2	*A-1635-018-A	M3 BOARD, COMPLETE		16	*A-1636-004-A	G BOARD, COMPLETE	
3	$\Delta$ 1-693-184-11	TUNER (UP44C) (KV-S2942U)		17	4-038-615-01	HOLDER, AC CORD	
	$\Delta$ 1-693-185-11	TUNER (UV916H) (KV-S2941A, S2941B, S2941D, S2943E, S2941K)		18	$\Delta$ 1-751-680-11	CORD, POWER(WITH NOISE FILTER) 2.5A/ 250V (KV-S2941A, S2941B, S2941D, S2943E, S2941K)	
4	*A-1630-214-A	A2 BOARD, COMPLETE (KV-S2941A, S2941B, S2941D, S2941K)		19	$\Delta$ 1-590-762-11	CORD, POWER(WITH PLUG) 2.5A/250V (KV-S2942U)	
	*A-1630-215-A	A2 BOARD, COMPLETE (KV-S2943E)		20	$\Delta$ 1-571-433-12	F1 BOARD, COMPLETE	
5	*A-1630-216-A	A2 BOARD, COMPLETE (KV-S2942U)		21	4-202-124-01	SWITCH, PUSH (AC POWER)	
6	*A-1621-050-A	B BOARD, COMPLETE		22	*A-1646-056-A	BUTTON, POWER	
7	*A-1626-001-A	Q BOARD, COMPLETE		23	*A-1646-055-A	H2 BOARD, COMPLETE	
8	*A-1640-143-A	D7 BOARD, COMPLETE					
9	*A-1651-060-A	J BOARD, COMPLETE					
10	4-202-146-11	COVER, REAR					
11	4-039-358-01	SCREW (4X16), (+) BV TAPPING					
12	*A-1642-111-A	D2 BOARD, COMPLETE					

## 6-2. PICTURE TUBE



The components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with the part number specified.

Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK	
51	X-4200-149-1	BEZNET ASSY		52-54	64	X-4387-214-1	PERMALLOY ASSY, CORRECTION	
52	4-202-629-01	GRILLE (L), SPEAKER		65	1-452-032-00	MAGNET, DISK; 10MM $\phi$		
53	4-202-628-01	GRILLE (R), SPEAKER		66	*4-202-554-01	HOLDER, HV CABLE		
54	4-039-358-01	SCREW (4X16), (+) BV TAPPING		67	4-036-188-01	SCREW (M), PT		
55	4-202-127-41	PLATE, ORNAMENTAL (KV-S2941A, S2941B, S2941D, S2943E, S2941K)		68	$\Delta$ 8-733-841-05	PICTURE TUBE 29GX (M68KZT10X)		
				69	3-704-495-01	SPACER, DY		
55	4-202-127-51	PLATE, ORNAMENTAL (KV-S2942U)		70	$\Delta$ 8-451-444-11	DEFLECTION YOKE Y29GXC (MTY)		
56	4-036-881-01	LOCK ASSY, DOOR		71	$\Delta$ 1-452-509-12	NECK ASSY, PICTURE TUBE (NA-308)		
57	4-039-356-01	SCREW (3X12), (+) BV TAPPING		72	*A-1644-048-A	VM BOARD, COMPLETE		
58	4-202-125-01	DOOR		73	*A-1638-044-A	C BOARD, COMPLETE		
59	4-202-555-01	SHAFT, DOOR		74	4-202-415-01	CLIP, DGC (29")		
60	4-202-123-01	WINDOW, ORNAMENTAL		62	75	$\Delta$ 1-406-807-11	COIL, DEMAGNETIZATION	
61	X-4030-459-1	DAMPER ASSY		76	4-369-318-51	SPRING, TENSION		
62	4-036-880-11	DAMPER		77	4-200-630-01	CUSHION, FOOT		
63	1-504-121-21	SPEAKER (SQUAWKER) (5CM)		78	1-504-145-11	SPEAKER (12CM)		
				79	4-308-870-00	CLIP, LEAD WIRE		
				80	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM $\phi$		

**B**

# SECTION 7

## ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When indicating parts by reference number, please include the board name.

## CAPACITORS

• MF:  $\mu\text{F}$ , PF:  $\mu\mu\text{F}$ 

## COILS

• MMH: mH, UH:  $\mu\text{H}$ 

## RESISTORS

All resistors are in ohms  
F: nonflammable

Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
*A-1621-050-A	B BOARD, COMPLETE			C1406	1-163-097-00	CERAMIC CHIP 15PF	5% 50V
	*****			C1407	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1408	1-164-182-11	CERAMIC CHIP 0.0033MF	10% 50V
				C1409	1-124-903-11	ELECT 1MF	20% 50V
<b>&lt;CAPACITOR&gt;</b>				C1410	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C301	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1411	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C302	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1412	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C303	1-164-505-11	CERAMIC CHIP 2.2MF	16V	C1414	1-163-121-00	CERAMIC CHIP 150PF	5% 50V
C304	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1416	1-163-263-11	CERAMIC CHIP 330PF	5% 50V
C305	1-163-096-00	CERAMIC CHIP 13PF	5% 50V	C1417	1-163-263-11	CERAMIC CHIP 330PF	5% 50V
C306	1-163-097-00	CERAMIC CHIP 15PF	5% 50V	C1418	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C307	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V	C1419	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C308	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	C1420	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C309	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	C1421	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C310	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1422	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C311	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1423	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C313	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1424	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C314	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1425	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C316	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1426	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C317	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1427	1-124-916-11	ELECT 22MF	20% 50V
C318	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1428	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C320	1-124-910-11	ELECT 47MF	20% 50V	C1430	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C321	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1431	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C325	1-163-245-11	CERAMIC CHIP 56PF	5% 50V	C1432	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C330	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1433	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C340	1-163-005-11	CERAMIC CHIP 470PF	10% 50V	C1434	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C360	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1435	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C501	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1437	1-164-343-11	CERAMIC CHIP 0.056MF	10% 25V
C503	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1438	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C504	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1439	1-163-243-11	CERAMIC CHIP 47PF	5% 50V
C505	1-163-011-11	CERAMIC CHIP 0.0015MF	10% 50V	C1440	1-163-245-11	CERAMIC CHIP 56PF	5% 50V
C506	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1441	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C507	1-126-101-11	ELECT 100MF	20% 16V	C1442	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C508	1-163-121-00	CERAMIC CHIP 150PF	5% 50V	C1443	1-163-251-11	CERAMIC CHIP 100PF	5% 50V
C509	1-124-925-11	ELECT 2.2MF	20% 50V	C1444	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C510	1-124-916-11	ELECT 22MF	20% 50V	C1445	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C511	1-124-927-11	ELECT 4.7MF	20% 50V	C1446	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C512	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1447	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C513	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1448	1-164-222-11	CERAMIC CHIP 0.22MF	25V
C514	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1449	1-163-257-11	CERAMIC CHIP 180PF	5% 50V
C515	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	C1450	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C516	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V	C1452	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C520	9-910-999-3A	FILM 0.0022MF	2% 100V	C1453	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C521	1-163-133-00	CERAMIC CHIP 470PF	5% 50V	C1454	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C530	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1455	1-163-239-11	CERAMIC CHIP 33PF	5% 50V
C560	1-164-005-11	CERAMIC CHIP 0.47MF	25V	C1457	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C1401	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1458	1-164-505-11	CERAMIC CHIP 2.2MF	16V
C1402	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1459	1-164-505-11	CERAMIC CHIP 2.2MF	16V
C1403	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V	C1460	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C1404	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V	C1461	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C1405	1-163-097-00	CERAMIC CHIP 15PF	5% 50V	C1462	1-164-005-11	CERAMIC CHIP 0.47MF	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C1463	1-126-101-11	ELECT	100MF	20%	16V	IC1402	8-759-086-97	IC	TDA4661T/V2		
C1464	1-126-101-11	ELECT	100MF	20%	16V	IC1403	8-759-248-15	IC	SDA9187-2XGEG		
C1465	1-126-101-11	ELECT	100MF	20%	16V	IC1404	8-759-192-90	IC	SDA9188-3XGEG		
C1466	1-126-101-11	ELECT	100MF	20%	16V	IC1405	8-759-248-91	IC	SDA9086-5		
C1467	1-126-101-11	ELECT	100MF	20%	16V	IC1406	8-759-183-36	IC	TDA8443B		
C1468	1-164-505-11	CERAMIC CHIP	2.2MF		16V	IC1407	8-759-183-36	IC	TDA8443B		
C1469	1-164-505-11	CERAMIC CHIP	2.2MF		16V	IC1410	8-759-037-45	IC	MC78L08ACPRP		
C1470	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	IC1411	8-759-708-05	IC	NJM78L05A		
C1471	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V			<COIL>			
C1472	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	L307	1-408-405-00	INDUCTOR	4.7UH		
C1473	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	L1401	1-408-418-00	INDUCTOR	56UH		
C1474	1-163-038-00	CERAMIC CHIP	0.1MF		25V	L1402	1-408-418-00	INDUCTOR	56UH		
C1475	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V			<TRANSISTOR>			
C1476	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	Q301	8-729-901-00	TRANSISTOR	DTC124EK		
C1477	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	Q302	8-729-216-22	TRANSISTOR	2SA1162-G		
C1479	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	Q305	8-729-901-01	TRANSISTOR	DTC144EK		
C1480	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	Q310	8-729-920-74	TRANSISTOR	2SC2412K-QR		
C1481	1-164-005-11	CERAMIC CHIP	0.47MF		25V	Q311	8-729-216-22	TRANSISTOR	2SA1162-G		
C1483	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V			<CONNECTOR>			
C1487	1-126-101-11	ELECT	100MF	20%	16V	Q313	8-729-920-74	TRANSISTOR	2SC2412K-QR		
C1491	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	Q501	8-729-920-74	TRANSISTOR	2SC2412K-QR		
C1492	1-164-505-11	CERAMIC CHIP	2.2MF		16V	Q502	8-729-920-74	TRANSISTOR	2SC2412K-QR		
C1493	1-164-505-11	CERAMIC CHIP	2.2MF		16V	Q503	8-729-920-74	TRANSISTOR	2SC2412K-QR		
C1494	1-164-505-11	CERAMIC CHIP	2.2MF		16V	Q504	8-729-216-22	TRANSISTOR	2SA1162-G		
C1495	1-164-505-11	CERAMIC CHIP	2.2MF		16V	Q505	8-729-900-53	TRANSISTOR	DTC114EK		
C1496	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	Q506	8-729-901-04	TRANSISTOR	DTA114EK		
C1497	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	Q507	8-729-920-74	TRANSISTOR	2SC2412K-QR		
C1498	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	Q510	8-729-900-53	TRANSISTOR	DTC114EK		
C1499	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	Q1401	8-729-920-74	TRANSISTOR	2SC2412K-QR		
<CONNECTOR>											
CN302	1-695-301-11	CONNECTOR, BOARD TO BOARD	40P			Q1402	8-729-920-74	TRANSISTOR	2SC2412K-QR		
<DIODE>											
D301	8-719-914-43	DIODE	DAN202K			Q1403	8-729-920-74	TRANSISTOR	2SC2412K-QR		
D304	8-719-401-41	DIODE	MA3051L-TX			Q1404	8-729-216-22	TRANSISTOR	2SA1162-G		
D501	8-719-401-53	DIODE	MA3056H-TX			Q1405	8-729-920-74	TRANSISTOR	2SC2412K-QR		
D1401	8-719-401-41	DIODE	MA3051L-TX			Q1406	8-729-920-74	TRANSISTOR	2SC2412K-QR		
D1405	8-719-914-42	DIODE	DA204K			Q1407	8-729-216-22	TRANSISTOR	2SA1162-G		
<DELAY LINE>											
DL301	1-415-652-11	DC (LC)				Q1408	8-729-216-22	TRANSISTOR	2SA1162-G		
<FILTER>											
FL1403	1-236-071-11	ENCAPSULATED COMPONENT				Q1409	8-729-216-22	TRANSISTOR	2SA1162-G		
FL1404	1-236-071-11	ENCAPSULATED COMPONENT				Q1416	8-729-920-74	TRANSISTOR	2SC2412K-QR		
FL1405	1-236-071-11	ENCAPSULATED COMPONENT				Q1417	8-729-900-53	TRANSISTOR	DTC114EK		
FL1406	1-236-071-11	ENCAPSULATED COMPONENT				Q1419	8-729-900-53	TRANSISTOR	DTC114EK		
FL1407	1-236-071-11	ENCAPSULATED COMPONENT				Q1421	8-729-920-74	TRANSISTOR	2SC2412K-QR		
<IC>											
IC301	8-759-189-90	IC	TDA9145/N2B			Q1422	8-729-216-22	TRANSISTOR	2SA1162-G		
IC302	8-759-086-97	IC	TDA4661T/V2			Q1423	8-729-920-74	TRANSISTOR	2SC2412K-QR		
IC303	8-759-037-45	IC	MC78L08ACPRP			Q1424	8-729-920-74	TRANSISTOR	2SC2412K-QR		
IC501	8-759-181-19	IC	TDA2579B			Q1425	8-729-920-74	TRANSISTOR	2SC2412K-QR		
IC1401	8-759-073-16	IC	TDA9160/N2			Q1426	8-729-900-53	TRANSISTOR	DTC114EK		
<RESISTOR>											
R301	1-216-041-00	METAL GLAZE	470	5%		Q1430	8-729-900-53	TRANSISTOR	DTC114EK		
R302	1-216-041-00	METAL GLAZE	470	5%		Q1431	8-729-901-04	TRANSISTOR	DTA114EK		
R303	1-216-025-00	METAL GLAZE	100	5%							
R304	1-216-025-00	METAL GLAZE	100	5%							
R306	1-216-035-00	METAL GLAZE	270	5%							
R307	1-216-049-00	METAL GLAZE	1K	5%							
R312	1-216-041-00	METAL GLAZE	470	5%							
R313	1-216-081-00	METAL GLAZE	22K	5%							
R316	1-216-085-00	METAL GLAZE	33K	5%							
R317	1-216-073-00	METAL GLAZE	10K	5%							

## B

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R318	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1418	1-216-041-00	METAL GLAZE	470 5% 1/10W
R319	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1419	1-216-027-00	METAL GLAZE	120 5% 1/10W
R320	1-216-025-00	METAL GLAZE	100 5% 1/10W	R1421	1-216-033-00	METAL GLAZE	220 5% 1/10W
R321	1-216-039-00	METAL GLAZE	390 5% 1/10W	R1422	1-216-023-00	METAL GLAZE	82 5% 1/10W
R322	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1423	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R331	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W	R1424	1-216-041-00	METAL GLAZE	470 5% 1/10W
R332	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R1425	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R333	1-216-075-00	METAL GLAZE	12K 5% 1/10W	R1427	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R340	1-216-033-00	METAL GLAZE	220 5% 1/10W	R1429	1-216-091-00	METAL GLAZE	56K 5% 1/10W
R341	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1430	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R342	1-216-047-00	METAL GLAZE	820 5% 1/10W	R1431	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R343	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1432	1-216-025-00	METAL GLAZE	100 5% 1/10W
R344	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1433	1-216-025-00	METAL GLAZE	100 5% 1/10W
R360	1-216-295-00	METAL GLAZE	0 5% 1/10W	R1434	1-216-043-00	METAL GLAZE	560 5% 1/10W
R365	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1435	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W
R370	1-216-295-00	METAL GLAZE	0 5% 1/10W	R1436	1-216-043-00	METAL GLAZE	560 5% 1/10W
R371	1-216-295-00	METAL GLAZE	0 5% 1/10W	R1437	1-216-031-00	METAL GLAZE	180 5% 1/10W
R501	1-216-687-11	METAL CHIP	33K 0.50% 1/10W	R1438	1-216-045-00	METAL GLAZE	680 5% 1/10W
R502	1-216-075-00	METAL GLAZE	12K 5% 1/10W	R1439	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R503	1-216-077-00	METAL GLAZE	15K 5% 1/10W	R1440	1-216-025-00	METAL GLAZE	100 5% 1/10W
R506	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1441	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R508	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1442	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R509	1-216-081-00	METAL GLAZE	22K 5% 1/10W	R1443	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R510	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R1444	1-216-041-00	METAL GLAZE	470 5% 1/10W
R512	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R1445	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R513	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1446	1-216-079-00	METAL GLAZE	18K 5% 1/10W
R514	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1449	1-216-033-00	METAL GLAZE	220 5% 1/10W
R515	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	R1450	1-216-033-00	METAL GLAZE	220 5% 1/10W
R516	1-216-097-00	METAL GLAZE	100K 5% 1/10W	R1453	1-216-025-00	METAL GLAZE	100 5% 1/10W
R517	1-216-047-00	METAL GLAZE	820 5% 1/10W	R1454	1-216-025-00	METAL GLAZE	100 5% 1/10W
R518	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1457	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R519	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W	R1458	1-216-033-00	METAL GLAZE	220 5% 1/10W
R520	1-216-009-00	METAL GLAZE	22 5% 1/10W	R1459	1-216-033-00	METAL GLAZE	220 5% 1/10W
R521	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W	R1460	1-216-033-00	METAL GLAZE	220 5% 1/10W
R522	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1462	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R523	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1463	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R524	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	R1468	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R525	1-216-095-00	METAL GLAZE	82K 5% 1/10W	R1469	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R526	1-216-097-00	METAL GLAZE	100K 5% 1/10W	R1470	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R527	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1471	1-216-037-00	METAL GLAZE	330 5% 1/10W
R528	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1472	1-216-033-00	METAL GLAZE	220 5% 1/10W
R529	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W	R1473	1-216-033-00	METAL GLAZE	220 5% 1/10W
R530	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1474	1-216-033-00	METAL GLAZE	220 5% 1/10W
R531	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1475	1-216-295-00	METAL GLAZE	0 5% 1/10W
R532	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W	R1477	1-216-022-00	METAL GLAZE	75 5% 1/10W
R533	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R1478	1-216-022-00	METAL GLAZE	75 5% 1/10W
R535	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R1479	1-216-022-00	METAL GLAZE	75 5% 1/10W
R550	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1480	1-216-025-00	METAL GLAZE	100 5% 1/10W
R1401	1-216-097-00	METAL GLAZE	100K 5% 1/10W	R1481	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1402	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1483	1-216-079-00	METAL GLAZE	18K 5% 1/10W
R1403	1-216-025-00	METAL GLAZE	100 5% 1/10W	R1484	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R1404	1-216-025-00	METAL GLAZE	100 5% 1/10W	R1485	1-216-041-00	METAL GLAZE	470 5% 1/10W
R1405	1-216-049-00	METAL GLAZE	1K 5% 1/10W	R1486	1-216-029-00	METAL GLAZE	150 5% 1/10W
R1406	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W	R1487	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1407	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R1489	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1408	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1490	1-216-043-00	METAL GLAZE	560 5% 1/10W
R1410	1-216-029-00	METAL GLAZE	150 5% 1/10W	R1493	1-216-077-00	METAL GLAZE	15K 5% 1/10W
R1411	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1494	1-216-025-00	METAL GLAZE	100 5% 1/10W
R1412	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1495	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R1413	1-216-041-00	METAL GLAZE	470 5% 1/10W	R1496	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1414	1-216-045-00	METAL GLAZE	680 5% 1/10W	R1497	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R1415	1-216-045-00	METAL GLAZE	680 5% 1/10W	R1498	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R1416	1-216-029-00	METAL GLAZE	150 5% 1/10W	R1499	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R1417	1-216-033-00	METAL GLAZE	220 5% 1/10W				

The components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

**B** **F1** **Q**

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
				C31	1-163-105-00	CERAMIC CHIP 33PF	5% 50V
				C32	1-124-925-11	ELECT 2.2MF	20% 50V
		<VARIABLE RESISTOR>		C33	1-124-907-11	ELECT 10MF	20% 50V
RV501	1-241-763-11	RES, ADJ, CERMET 4.7K		C34	1-163-038-00	CERAMIC CHIP 0.1MF	25V
		<CRYSTAL>		C35	1-124-907-11	ELECT 10MF	20% 50V
X301	1-567-504-11	OSCILLATOR, CRYSTAL		C36	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
X302	1-567-505-11	OSCILLATOR, CRYSTAL		C37	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
X1401	1-567-505-11	OSCILLATOR, CRYSTAL		C38	1-163-161-00	CERAMIC CHIP 15PF	5% 50V
X1402	1-567-504-11	OSCILLATOR, CRYSTAL		C39	1-163-161-00	CERAMIC CHIP 15PF	5% 50V
		*****		C40	1-163-239-11	CERAMIC CHIP 33PF	5% 50V
		*A-1624-028-A F1 BOARD, COMPLETE	*****	C41	1-163-038-00	CERAMIC CHIP 0.1MF	25V
		*****		C42	1-124-907-11	ELECT 10MF	20% 50V
		<CONNECTOR>		C43	1-163-038-00	CERAMIC CHIP 0.1MF	25V
CN0003 $\Delta$	*1-580-844-11	PIN, CONNECTOR (POWER)		C44	1-163-038-00	CERAMIC CHIP 0.1MF	25V
CN0831 $\Delta$	*1-695-292-11	PIN, CONNECTOR (POWER)		C45	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
		*****		C46	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
		<FUSE>		C48	1-163-129-00	CERAMIC CHIP 330PF	5% 50V
F651 $\Delta$	1-576-232-21	FUSE (H.B.C.) 5.0A/250V		C49	1-163-038-00	CERAMIC CHIP 0.1MF	25V
	1-533-230-11	HOLDER, FUSE		C50	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
		*****		C51	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
		<SWITCH>		C52	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
S651 $\Delta$	1-571-433-12	SWITCH, PUSH (AC POWER)		C53	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
		*****		C54	1-124-907-11	ELECT 10MF	20% 50V
		*A-1626-001-A Q BOARD, COMPLETE	*****	C55	1-163-038-00	CERAMIC CHIP 0.1MF	25V
		*****		C56	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
		<CAPACITOR>		C57	1-163-237-11	CERAMIC CHIP 27PF	5% 50V
C1	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C58	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C3	1-124-927-11	ELECT 4.7MF	20% 50V	C59	1-163-113-00	CERAMIC CHIP 68PF	5% 50V
C4	1-164-299-11	CERAMIC CHIP 0.22MF	10% 25V	C61	1-163-129-00	CERAMIC CHIP 330PF	5% 50V
C5	1-162-568-11	CERAMIC CHIP 0.33MF	10% 16V	C62	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C6	1-124-907-11	ELECT 10MF	20% 50V	C63	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V
C7	1-163-077-91	CERAMIC CHIP 0.1MF	50V	C64	1-124-927-11	ELECT 4.7MF	20% 50V
C8	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C65	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C10	1-124-927-11	ELECT 4.7MF	20% 50V	C66	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C11	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	C67	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C12	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	C68	1-124-907-11	ELECT 10MF	20% 50V
C13	1-162-638-11	CERAMIC CHIP 1MF	16V	C69	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C14	1-124-927-11	ELECT 4.7MF	20% 50V	C70	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C15	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C71	1-163-129-00	CERAMIC CHIP 330PF	5% 50V
C17	1-163-989-11	CERAMIC CHIP 0.033MF	10% 25V	C72	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C18	1-163-989-11	CERAMIC CHIP 0.033MF	10% 25V	C73	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C19	1-163-097-00	CERAMIC CHIP 15PF	5% 50V	C74	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C20	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	C75	1-163-131-00	CERAMIC CHIP 390PF	10% 50V
C21	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	C85	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C22	1-163-081-00	CERAMIC CHIP 0.22MF	25V	C86	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C23	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C87	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C24	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C88	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C25	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C89	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C26	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C91	1-124-907-11	ELECT 10MF	20% 50V
C27	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C92	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C28	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C93	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C29	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C94	1-124-916-11	ELECT 22MF	20% 50V
C30	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C95	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C96	1-124-916-11	ELECT 22MF	20% 50V
				C97	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C98	1-124-916-11	ELECT 22MF	20% 50V
				C99	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1001	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1004	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1005	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1006	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1007	1-163-038-00	CERAMIC CHIP 0.1MF	25V
				C1008	1-163-038-00	CERAMIC CHIP 0.1MF	25V

Q

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1009	1-163-038-00	CERAMIC CHIP 0.1MF		25V		<COIL>	
C1010	1-163-123-00	CERAMIC CHIP 180PF	5%	50V			
C1012	1-163-097-00	CERAMIC CHIP 15PF	5%	50V	L1	1-410-437-11	INDUCTOR 330UH
C1014	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	L2	1-410-437-11	INDUCTOR 330UH
C1016	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	L4	1-408-409-00	INDUCTOR 10UH
					L5	1-426-942-21	TRANSFORMER, DETECTOR
					L6	1-426-941-21	TRANSFORMER, DETECTOR
					L7	1-426-803-21	TRANSFORMER, DETECTOR
					L8	1-408-409-00	INDUCTOR 10UH
					L9	1-408-409-00	INDUCTOR 10UH
					L10	1-426-801-21	TRANSFORMER, DETECTOR
					L14	1-408-409-00	INDUCTOR 10UH
							<CONNECTOR>
CN2145	1-695-301-11	CONNECTOR, BOARD TO BOARD 40P					
							<DIODE>
D3	8-719-047-36	DIODE BBY40					
D4	8-719-047-37	DIODE BAS16			L15	1-408-409-00	INDUCTOR 10UH
D5	8-719-047-37	DIODE BAS16			L16	1-408-409-00	INDUCTOR 10UH
D6	8-719-047-37	DIODE BAS16					
D8	8-719-047-36	DIODE BBY40					
							<TRANSISTOR>
D9	8-719-047-37	DIODE BAS16		Q1	8-729-216-22	TRANSISTOR 2SA1162-G	
D10	8-719-047-36	DIODE BBY40		Q2	8-729-920-74	TRANSISTOR 2SC2412K-QR	
D11	8-719-047-37	DIODE BAS16		Q8	8-729-025-25	TRANSISTOR BF550	
D12	8-719-047-37	DIODE BAS16		Q9	8-729-920-74	TRANSISTOR 2SC2412K-QR	
D13	8-719-105-91	DIODE RD5.6M-B2		Q10	8-729-025-25	TRANSISTOR BF550	
D15	8-719-914-43	DIODE DAN202K		Q11	8-729-025-25	TRANSISTOR BF550	
D16	8-719-914-43	DIODE DAN202K		Q12	8-729-216-22	TRANSISTOR 2SA1162-G	
				Q13	8-729-920-74	TRANSISTOR 2SC2412K-QR	
				Q14	8-729-920-74	TRANSISTOR 2SC2412K-QR	
				Q16	8-729-920-74	TRANSISTOR 2SC2412K-QR	
							<FILTER>
FL1	1-239-882-11	FILTER, LOW PASS		Q17	8-729-901-01	TRANSISTOR DTC144EK	
FL2	1-236-071-11	ENCAPSULATED COMPONENT		Q18	8-729-901-01	TRANSISTOR DTC144EK	
FL3	1-236-071-11	ENCAPSULATED COMPONENT		Q20	8-729-216-22	TRANSISTOR 2SA1162-G	
FL4	1-236-071-11	ENCAPSULATED COMPONENT		Q21	8-729-216-22	TRANSISTOR 2SA1162-G	
FL5	1-236-071-11	ENCAPSULATED COMPONENT		Q22	8-729-920-74	TRANSISTOR 2SC2412K-QR	
FL6	1-236-071-11	ENCAPSULATED COMPONENT		Q24	8-729-901-01	TRANSISTOR DTC144EK	
FL7	1-236-071-11	ENCAPSULATED COMPONENT					
FL8	1-236-071-11	ENCAPSULATED COMPONENT					
FL9	1-239-881-11	FILTER, LOW PASS					
FL10	1-239-881-11	FILTER, LOW PASS					
							<JUMPER RESISTOR>
				JR10	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR11	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR12	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR13	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR14	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR15	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR16	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR17	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR18	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR19	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR20	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR21	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR22	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR23	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR24	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR25	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR26	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR27	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR28	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR30	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR31	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR32	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR33	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR34	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR35	1-216-295-00	METAL GLAZE 0 5%	1/10W
				JR36	1-216-295-00	METAL GLAZE 0 5%	1/10W

REF. NO.	PART NO.	DESCRIPTION				REMARK	REF. NO.	PART NO.	DESCRIPTION				REMARK								
<RESISTOR>																					
R1	1-216-025-00	METAL GLAZE	100	5%	1/10W		R81	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W									
R2	1-216-035-00	METAL GLAZE	270	5%	1/10W		R81	1-216-049-00	METAL GLAZE	1K	5%	1/10W									
R3	1-216-025-00	METAL GLAZE	100	5%	1/10W		R85	1-216-073-00	METAL GLAZE	10K	5%	1/10W									
R4	1-216-029-00	METAL GLAZE	150	5%	1/10W		R86	1-216-041-00	METAL GLAZE	470	5%	1/10W									
R5	1-216-295-00	METAL GLAZE	0	5%	1/10W		R87	1-216-043-00	METAL GLAZE	560	5%	1/10W									
R6	1-216-033-00	METAL GLAZE	220	5%	1/10W		R88	1-216-001-00	METAL GLAZE	10	5%	1/10W									
R7	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R89	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R8	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R90	1-216-039-00	METAL GLAZE	390	5%	1/10W									
R12	1-216-045-00	METAL GLAZE	680	5%	1/10W		R91	1-216-073-00	METAL GLAZE	10K	5%	1/10W									
R15	1-216-045-00	METAL GLAZE	680	5%	1/10W		R92	1-216-039-00	METAL GLAZE	390	5%	1/10W									
R16	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W		R93	1-216-039-00	METAL GLAZE	390	5%	1/10W									
R20	1-216-047-00	METAL GLAZE	820	5%	1/10W		R94	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R23	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W		R95	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R24	1-216-025-00	METAL GLAZE	100	5%	1/10W		R99	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R25	1-216-045-00	METAL GLAZE	680	5%	1/10W		R1001	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R26	1-216-025-00	METAL GLAZE	100	5%	1/10W		R1002	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R27	1-216-025-00	METAL GLAZE	100	5%	1/10W		R1003	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R28	1-216-001-00	METAL GLAZE	10	5%	1/10W		R1004	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R29	1-216-085-00	METAL GLAZE	33K	5%	1/10W		R1005	1-216-033-00	METAL GLAZE	220	5%	1/10W									
R30	1-216-295-00	METAL GLAZE	0	5%	1/10W		R1006	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R33	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W		R1007	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R34	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		R1008	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R35	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R1011	1-216-295-00	METAL GLAZE	0	5%	1/10W									
R36	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		R1012	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R37	1-216-001-00	METAL GLAZE	10	5%	1/10W		R1013	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R38	1-216-033-00	METAL GLAZE	220	5%	1/10W		R1014	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R40	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W		R1015	1-216-047-00	METAL GLAZE	820	5%	1/10W									
R44	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		R1016	1-216-017-00	METAL GLAZE	47	5%	1/10W									
R45	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R1017	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R46	1-216-085-00	METAL GLAZE	33K	5%	1/10W		R1018	1-216-017-00	METAL GLAZE	47	5%	1/10W									
R47	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W		R1019	1-216-017-00	METAL GLAZE	47	5%	1/10W									
R48	1-216-033-00	METAL GLAZE	220	5%	1/10W		R1020	1-216-049-00	METAL GLAZE	1K	5%	1/10W									
R49	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R1021	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R54	1-216-001-00	METAL GLAZE	10	5%	1/10W		R1022	1-216-049-00	METAL GLAZE	1K	5%	1/10W									
R55	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		R1024	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W									
R56	1-216-033-00	METAL GLAZE	220	5%	1/10W		R1027	1-216-049-00	METAL GLAZE	1K	5%	1/10W									
R57	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W		R1028	1-216-037-00	METAL GLAZE	330	5%	1/10W									
R58	1-216-097-00	METAL GLAZE	100K	5%	1/10W		R1029	1-216-041-00	METAL GLAZE	470	5%	1/10W									
R59	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W		R1030	1-216-025-00	METAL GLAZE	100	5%	1/10W									
R60	1-216-033-00	METAL GLAZE	220	5%	1/10W		R1033	1-216-295-00	METAL GLAZE	0	5%	1/10W									
R61	1-216-099-00	METAL GLAZE	120K	5%	1/10W		R1038	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W									
R62	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W		R1039	1-216-045-00	METAL GLAZE	680	5%	1/10W									
R63	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R1050	1-216-295-00	METAL GLAZE	0	5%	1/10W									
R64	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R1052	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R65	1-216-001-00	METAL GLAZE	10	5%	1/10W		R1053	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R66	1-216-025-00	METAL GLAZE	100	5%	1/10W		R1054	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R67	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W		R1055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R68	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R1056	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R69	1-216-077-00	METAL GLAZE	15K	5%	1/10W		R1057	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W									
R70	1-216-085-00	METAL GLAZE	33K	5%	1/10W		R1058	1-216-033-00	METAL GLAZE	220	5%	1/10W									
R71	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W		R1063	1-216-295-00	METAL GLAZE	0	5%	1/10W									
R72	1-216-033-00	METAL GLAZE	220	5%	1/10W		R1064	1-216-295-00	METAL GLAZE	0	5%	1/10W									
R73	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R1065	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W									
R74	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R1066	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W									
R75	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W		R1067	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W									
R76	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W		<CRYSTAL>														
R77	1-216-037-00	METAL GLAZE	330	5%	1/10W		X1	1-578-774-11	VIBRATOR, CRYSTAL												
R78	1-216-049-00	METAL GLAZE	1K	5%	1/10W																
R79	1-216-047-00	METAL GLAZE	820	5%	1/10W																
R80	1-216-047-00	METAL GLAZE	820	5%	1/10W																

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
*A-1630-214-A	A2 BOARD, COMPLETE					C2202	1-164-343-11	CERAMIC CHIP 0.056MF	10%	25V	
	*****					C2203	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
	(KV-S2941A, S2941B, S2941D, S2941K)					C2204	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
	<CAPACITOR>					C2205	1-124-907-11	ELECT 10MF	20%	50V	
C1203	1-124-927-11	ELECT	4.7MF	20%	50V	C2206	1-164-161-11	CERAMIC CHIP 0.0022MF	10%	50V	
C1204	1-124-927-11	ELECT	4.7MF	20%	50V	C2207	1-137-613-11	FILM 0.0018MF	2%	100V	
C1205	1-163-125-00	CERAMIC CHIP	220PF	5%	50V	C2208	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
C1206	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C2209	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
C1207	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V	C2210	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
C1208	1-163-019-00	CERAMIC CHIP	0.0068MF	10%	50V	C2211	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
C1209	1-124-657-00	ELECT	10MF	20%	50V	C2212	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
C1210	1-124-907-11	ELECT	10MF	20%	50V	C2213	1-164-005-11	CERAMIC CHIP 0.47MF	25V		
C1211	1-163-101-00	CERAMIC CHIP	22PF	5%	50V	C2214	1-124-910-11	ELECT 47MF	20%	50V	
C1212	1-163-101-00	CERAMIC CHIP	22PF	5%	50V	C2215	1-124-910-11	ELECT 47MF	20%	50V	
C1213	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C2216	1-163-019-00	CERAMIC CHIP 0.0068MF	10%	50V	
C1214	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V	C2217	1-163-019-00	CERAMIC CHIP 0.0068MF	10%	50V	
C1215	1-124-910-11	ELECT	47MF	20%	50V	C2218	1-163-809-11	CERAMIC CHIP 0.047MF	10%	25V	
C1216	1-124-927-11	ELECT	4.7MF	20%	50V	C2219	1-163-809-11	CERAMIC CHIP 0.047MF	10%	25V	
C1217	1-124-927-11	ELECT	4.7MF	20%	50V	C2220	1-124-925-11	ELECT 2.2MF	20%	50V	
C1218	1-124-927-11	ELECT	4.7MF	20%	50V	C2221	1-124-925-11	ELECT 2.2MF	20%	50V	
C1219	1-124-927-11	ELECT	4.7MF	20%	50V	C2222	1-164-005-11	CERAMIC CHIP 0.47MF	16V		
C1220	1-124-927-11	ELECT	4.7MF	20%	50V	C2223	1-164-005-11	CERAMIC CHIP 0.47MF	16V		
C1221	1-124-927-11	ELECT	4.7MF	20%	50V	C2224	1-164-005-11	CERAMIC CHIP 0.47MF	16V		
C1222	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V	C2225	1-164-005-11	CERAMIC CHIP 0.47MF	16V		
C1223	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V	C2226	1-163-011-11	CERAMIC CHIP 0.0015MF	10%	50V	
C1224	1-124-927-11	ELECT	4.7MF	20%	50V	C2227	1-163-011-11	CERAMIC CHIP 0.0015MF	10%	50V	
C1225	1-124-927-11	ELECT	4.7MF	20%	50V	C2228	1-124-925-11	ELECT 2.2MF	20%	50V	
C1226	1-124-910-11	ELECT	47MF	20%	50V	C2229	1-124-925-11	ELECT 2.2MF	20%	50V	
C1227	1-163-019-00	CERAMIC CHIP	0.0068MF	10%	50V	C2230	1-136-177-00	FILM 1MF	5%	50V	
C1228	1-163-019-00	CERAMIC CHIP	0.0068MF	10%	50V	C2231	1-136-177-00	FILM 1MF	5%	50V	
C1229	1-126-101-11	ELECT	100MF	20%	16V	C2232	1-164-182-11	CERAMIC CHIP 0.0033MF	10%	50V	
C1230	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C2233	1-163-007-11	CERAMIC CHIP 680PF	10%	50V	
C1231	1-126-101-11	ELECT	100MF	20%	16V	C2234	1-124-907-11	ELECT 10MF	20%	50V	
C1232	1-164-505-11	CERAMIC CHIP	2.2MF		16V	C2235	1-124-907-11	ELECT 10MF	20%	50V	
C1233	1-164-009-11	CERAMIC CHIP	0.001MF	10%	50V	C2236	1-124-478-11	ELECT 100MF	20%	25V	
C1234	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C2237	1-124-478-11	ELECT 100MF	20%	25V	
C1235	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C2238	1-136-165-00	FILM 0.1MF	5%	50V	
C1236	1-124-927-11	ELECT	4.7MF	20%	50V	C2239	1-136-165-00	FILM 0.1MF	5%	50V	
C1237	1-124-927-11	ELECT	4.7MF	20%	50V						
C1245	1-163-131-00	CERAMIC CHIP	390PF	10%	50V						
C1246	1-163-131-00	CERAMIC CHIP	390PF	10%	50V	CN2201	1-695-301-11	CONNECTOR, BOARD TO BOARD 40P			
C1247	1-163-131-00	CERAMIC CHIP	390PF	10%	50V						
C1251	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V						
C1252	1-163-010-11	CERAMIC CHIP	0.0012MF	10%	50V						
C1253	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V						
C1254	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V	D1201	8-719-914-43	DIODE DAN202K			
C1255	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	D2201	8-719-914-42	DIODE DA204K			
C1256	1-163-022-00	CERAMIC CHIP	0.012MF	10%	50V						
C1257	1-163-986-00	CERAMIC CHIP	0.027MF	10%	25V						
C1258	1-163-986-00	CERAMIC CHIP	0.027MF	10%	25V						
C1259	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	IC1201	8-759-145-58	IC UPC4558C			
C1260	1-164-348-11	CERAMIC CHIP	0.12MF	10%	25V	IC1202	8-759-145-58	IC UPC4558C			
C1261	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	IC1203	8-759-145-58	IC UPC4558C			
C1262	1-163-010-11	CERAMIC CHIP	0.0012MF	10%	50V	IC1204	8-759-503-59	IC YM7128			
C1263	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V	IC1251	8-759-257-64	IC TDA7317			
C1264	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V	IC2201	8-759-267-97	IC TDA6812-5			
C1265	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	IC2202	8-759-502-21	IC TDA2822M			
C1266	1-163-022-00	CERAMIC CHIP	0.012MF	10%	50V						
C1267	1-163-986-00	CERAMIC CHIP	0.027MF	10%	25V						
C1268	1-163-986-00	CERAMIC CHIP	0.027MF	10%	25V						
C1269	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	JR2201	1-216-295-00	METAL GLAZE 0	5%	1/10W	
C1270	1-164-348-11	CERAMIC CHIP	0.12MF	10%	25V	JR2202	1-216-295-00	METAL GLAZE 0	5%	1/10W	
C1271	1-124-916-11	ELECT	22MF	20%	50V	JR2205	1-216-295-00	METAL GLAZE 0	5%	1/10W	
C1272	1-124-910-11	ELECT	47MF	20%	50V	JR2206	1-216-295-00	METAL GLAZE 0	5%	1/10W	
C2201	1-164-343-11	CERAMIC CHIP	0.056MF	10%	25V	JR2207	1-216-296-91	METAL GLAZE 0	5%	1/8W	

REF. NO.	PART NO.	DESCRIPTION
JR2208	1-216-295-00	METAL GLAZE
JR2209	1-216-295-00	METAL GLAZE
JR2210	1-216-295-00	METAL GLAZE
JR2211	1-216-295-00	METAL GLAZE
JR2212	1-216-296-91	METAL GLAZE
JR2213	1-216-295-00	METAL GLAZE
JR2214	1-216-296-91	METAL GLAZE
JR2215	1-216-296-91	METAL GLAZE
JR2216	1-216-295-00	METAL GLAZE
JR2217	1-216-296-91	METAL GLAZE
<COIL>		
L1201	1-408-421-00	INDUCTOR
L1202	1-408-421-00	INDUCTOR
L1251	1-408-421-00	INDUCTOR
L2201	1-407-500-00	INDUCTOR
<TRANSISTOR>		
Q1201	8-729-920-74	TRANSISTOR
Q1202	8-729-920-74	TRANSISTOR
Q1251	8-729-901-01	TRANSISTOR
Q1252	8-729-901-01	TRANSISTOR
<RESISTOR>		
R1201	1-216-103-91	METAL GLAZE
R1202	1-216-107-00	METAL GLAZE
R1203	1-216-073-00	METAL GLAZE
R1204	1-216-083-00	METAL GLAZE
R1205	1-216-103-91	METAL GLAZE
R1206	1-216-107-00	METAL GLAZE
R1207	1-216-073-00	METAL GLAZE
R1208	1-216-083-00	METAL GLAZE
R1209	1-216-083-00	METAL GLAZE
R1210	1-216-073-00	METAL GLAZE
R1211	1-216-025-00	METAL GLAZE
R1212	1-216-073-00	METAL GLAZE
R1213	1-216-073-00	METAL GLAZE
R1214	1-216-073-00	METAL GLAZE
R1215	1-216-089-91	METAL GLAZE
R1216	1-216-113-00	METAL GLAZE
R1217	1-216-073-00	METAL GLAZE
R1218	1-216-121-00	METAL GLAZE
R1219	1-216-113-00	METAL GLAZE
R1220	1-216-113-00	METAL GLAZE
R1221	1-216-113-00	METAL GLAZE
R1222	1-216-073-00	METAL GLAZE
R1223	1-216-073-00	METAL GLAZE
R1224	1-216-073-00	METAL GLAZE
R1225	1-216-113-00	METAL GLAZE
R1226	1-216-113-00	METAL GLAZE
R1227	1-216-113-00	METAL GLAZE
R1228	1-216-073-00	METAL GLAZE
R1229	1-216-073-00	METAL GLAZE
R1230	1-216-073-00	METAL GLAZE
R1231	1-216-073-00	METAL GLAZE
R1232	1-216-073-00	METAL GLAZE
R1233	1-216-049-00	METAL GLAZE
R1234	1-216-049-00	METAL GLAZE
R1235	1-216-073-00	METAL GLAZE
R1236	1-216-073-00	METAL GLAZE
R1237	1-216-049-00	METAL GLAZE
R1238	1-216-065-00	METAL GLAZE

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<CAPACITOR>							
C1101	1-126-101-11	ELECT 100MF	20% 16V	C1204	1-124-927-11	ELECT 4.7MF	20% 50V
C1102	1-126-101-11	ELECT 100MF	20% 16V	C1205	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C1103	1-163-077-91	CERAMIC CHIP 0.1MF	50V	C1206	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1104	1-163-077-00	CERAMIC CHIP 0.1MF	10% 25V	C1207	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1105	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V	C1208	1-163-019-00	CERAMIC CHIP 0.0068MF	10% 50V
C1106	1-163-383-11	CERAMIC CHIP 180PF	5% 50V	C1209	1-124-657-00	ELECT 10MF	20% 50V
C1107	1-163-205-00	CERAMIC CHIP 0.001MF	10% 50V	C1210	1-124-907-11	ELECT 10MF	20% 50V
C1108	1-163-059-00	CERAMIC CHIP 0.01MF	50V	C1211	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C1109	1-163-033-00	CERAMIC CHIP 0.022MF	50V	C1212	1-163-101-00	CERAMIC CHIP 22PF	5% 50V
C1110	1-164-336-11	CERAMIC CHIP 0.33MF	25V	C1213	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1111	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1214	1-164-182-11	CERAMIC CHIP 0.0033MF	10% 50V
C1112	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V	C1215	1-124-910-11	ELECT 47MF	20% 50V
C1113	1-124-477-11	ELECT 47MF	20% 16V	C1216	1-124-927-11	ELECT 4.7MF	20% 50V
C1114	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1217	1-124-927-11	ELECT 4.7MF	20% 50V
C1115	1-124-477-11	ELECT 47MF	20% 16V	C1218	1-124-927-11	ELECT 4.7MF	20% 50V
C1116	1-106-228-00	MYLAR 0.22MF	10% 100V	C1219	1-124-927-11	ELECT 4.7MF	20% 50V
C1117	1-164-222-11	CERAMIC CHIP 0.22MF	25V	C1220	1-124-927-11	ELECT 4.7MF	20% 50V
C1118	1-163-113-00	CERAMIC CHIP 68PF	5% 50V	C1221	1-124-927-11	ELECT 4.7MF	20% 50V
C1119	1-163-129-00	CERAMIC CHIP 330PF	5% 50V	C1222	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1120	1-163-129-00	CERAMIC CHIP 330PF	5% 50V	C1223	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1121	1-163-113-00	CERAMIC CHIP 68PF	5% 50V	C1224	1-124-927-11	ELECT 4.7MF	20% 50V
C1122	1-163-081-00	CERAMIC CHIP 0.22MF	25V	C1225	1-124-927-11	ELECT 4.7MF	20% 50V
C1123	1-106-228-00	MYLAR 0.22MF	10% 100V	C1226	1-124-910-11	ELECT 47MF	20% 50V
C1124	1-124-477-11	ELECT 47MF	20% 16V	C1227	1-163-019-00	CERAMIC CHIP 0.0068MF	10% 50V
C1125	1-124-477-11	ELECT 47MF	20% 16V	C1228	1-163-019-00	CERAMIC CHIP 0.0068MF	10% 50V
C1126	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C1229	1-126-101-11	ELECT 100MF	20% 16V
C1127	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1230	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C1128	1-124-477-11	ELECT 47MF	20% 16V	C1231	1-126-101-11	ELECT 100MF	20% 16V
C1129	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1232	1-164-505-11	CERAMIC CHIP 2.2MF	10% 50V
C1130	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1233	1-163-131-00	CERAMIC CHIP 390PF	10% 50V
C1131	1-163-059-00	CERAMIC CHIP 0.01MF	50V	C1234	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C1132	1-163-077-91	CERAMIC CHIP 0.1MF	50V	C1235	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C1133	1-124-907-11	ELECT 10MF	20% 50V	C1236	1-124-927-11	ELECT 4.7MF	20% 50V
C1134	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C1237	1-124-927-11	ELECT 4.7MF	20% 50V
C1135	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1245	1-163-131-00	CERAMIC CHIP 390PF	10% 50V
C1136	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C1246	1-163-131-00	CERAMIC CHIP 390PF	10% 50V
C1137	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1247	1-163-131-00	CERAMIC CHIP 390PF	10% 50V
C1138	1-163-105-00	CERAMIC CHIP 33PF	5% 50V	C1251	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V
C1139	1-163-105-00	CERAMIC CHIP 33PF	5% 50V	C1252	1-163-010-11	CERAMIC CHIP 0.0012MF	10% 50V
C1140	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C1253	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1141	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C1254	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1142	1-163-057-00	CERAMIC CHIP 0.0068MF	50V	C1255	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C1143	1-163-003-11	CERAMIC CHIP 330PF	10% 50V	C1256	1-163-022-00	CERAMIC CHIP 0.012MF	10% 50V
C1144	1-163-121-00	CERAMIC CHIP 150PF	5% 50V	C1257	1-163-986-00	CERAMIC CHIP 0.027MF	10% 25V
C1145	1-163-121-00	CERAMIC CHIP 150PF	5% 50V	C1258	1-163-986-00	CERAMIC CHIP 0.027MF	10% 25V
C1146	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1263	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1147	1-124-477-11	ELECT 47MF	20% 16V	C1264	1-163-014-00	CERAMIC CHIP 0.0027MF	10% 50V
C1148	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V	C1265	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C1149	1-124-477-11	ELECT 47MF	20% 16V	C1266	1-163-022-00	CERAMIC CHIP 0.012MF	10% 50V
C1150	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1267	1-163-986-00	CERAMIC CHIP 0.027MF	10% 25V
C1151	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1268	1-163-986-00	CERAMIC CHIP 0.027MF	10% 25V
C1152	1-124-477-11	ELECT 47MF	20% 16V	C1269	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1153	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V	C1270	1-164-348-11	CERAMIC CHIP 0.12MF	10% 25V
C1154	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C1271	1-124-916-11	ELECT 22MF	20% 50V
C1155	1-124-477-11	ELECT 47MF	20% 16V	C1272	1-124-910-11	ELECT 47MF	20% 50V
C1156	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C2201	1-164-343-11	CERAMIC CHIP 0.056MF	10% 25V
C1157	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V	C2202	1-164-343-11	CERAMIC CHIP 0.056MF	10% 25V
C1158	1-163-038-00	CERAMIC CHIP 0.1MF	25V	C2203	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C1159	1-163-243-11	CERAMIC CHIP 47PF	5% 50V	C2204	1-164-005-11	CERAMIC CHIP 0.47MF	25V
(KV-S2942U)							
C1203	1-124-927-11	ELECT 4.7MF	20% 50V	C2205	1-124-907-11	ELECT 10MF	20% 50V
				C2206	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK		
R1114	1-216-105-00	METAL GLAZE	220K 5%	1/10W	R1224	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1115	1-216-121-00	METAL GLAZE	1M 5%	1/10W	R1225	1-216-113-00	METAL GLAZE	470K 5%	1/10W
R1116	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1226	1-216-113-00	METAL GLAZE	470K 5%	1/10W
R1117	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1227	1-216-113-00	METAL GLAZE	470K 5%	1/10W
R1118	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1228	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1119	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R1229	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1120	1-216-083-00	METAL GLAZE	27K 5%	1/10W	R1230	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1121	1-216-081-00	METAL GLAZE	22K 5%	1/10W	R1231	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1122	1-216-158-00	METAL GLAZE	22 5%	1/8W	R1232	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1123	1-216-158-00	METAL GLAZE	22 5%	1/8W	R1233	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R1124	1-216-089-91	METAL GLAZE	47K 5%	1/10W	R1234	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R1125	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1235	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1126	1-216-069-00	METAL GLAZE	6.8K 5%	1/10W	R1236	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1127	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1237	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R1128	1-216-089-91	METAL GLAZE	47K 5%	1/10W	R1238	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1129	1-216-089-91	METAL GLAZE	47K 5%	1/10W	R1240	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1130	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1241	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1131	1-216-069-00	METAL GLAZE	6.8K 5%	1/10W	R1242	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1132	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1243	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1133	1-216-089-91	METAL GLAZE	47K 5%	1/10W	R1245	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1134	1-216-212-00	METAL GLAZE	3.9K 5%	1/8W	R1246	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1135	1-216-081-00	METAL GLAZE	22K 5%	1/10W	R1247	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R1136	1-216-081-00	METAL GLAZE	22K 5%	1/10W	R1251	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1137	1-216-095-00	METAL GLAZE	82K 5%	1/10W	R1252	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1138	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R1253	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1139	1-216-005-00	METAL GLAZE	15 5%	1/10W	R1254	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1140	1-216-061-00	METAL GLAZE	3.3K 5%	1/10W	R1255	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1141	1-216-061-00	METAL GLAZE	3.3K 5%	1/10W	R1256	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1142	1-216-033-00	METAL GLAZE	220 5%	1/10W	R1257	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1143	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1258	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1144	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1259	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1145	1-216-001-00	METAL GLAZE	10 5%	1/10W	R1260	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1146	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1261	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1147	1-216-045-00	METAL GLAZE	680 5%	1/10W	R1262	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1148	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1263	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1149	1-216-001-00	METAL GLAZE	10 5%	1/10W	R1264	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1150	1-216-045-00	METAL GLAZE	680 5%	1/10W	R1265	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1151	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1266	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1152	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1267	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1153	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R1268	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1154	1-216-041-00	METAL GLAZE	470 5%	1/10W	R1269	1-216-089-91	METAL GLAZE	47K 5%	1/10W
R1201	1-216-103-91	METAL GLAZE	180K 5%	1/10W	R1270	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1202	1-216-107-00	METAL GLAZE	270K 5%	1/10W	R1271	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1203	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R1272	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1204	1-216-083-00	METAL GLAZE	27K 5%	1/10W	R1290	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R1205	1-216-103-91	METAL GLAZE	180K 5%	1/10W	R2201	1-216-655-11	METAL CHIP	1.5K 0.50%	1/10W
R1206	1-216-107-00	METAL GLAZE	270K 5%	1/10W	R2202	1-216-657-11	METAL CHIP	1.8K 0.50%	1/10W
R1207	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R2203	1-216-655-11	METAL CHIP	1.5K 0.50%	1/10W
R1208	1-216-083-00	METAL GLAZE	27K 5%	1/10W	R2204	1-216-657-11	METAL CHIP	1.8K 0.50%	1/10W
R1209	1-216-083-00	METAL GLAZE	27K 5%	1/10W	R2205	1-216-067-00	METAL GLAZE	5.6K 5%	1/10W
R1210	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R2206	1-216-071-00	METAL GLAZE	8.2K 5%	1/10W
R1211	1-216-025-00	METAL GLAZE	100 5%	1/10W	R2207	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W
R1212	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R2208	1-216-071-00	METAL GLAZE	8.2K 5%	1/10W
R1213	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R2209	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W
R1214	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R2210	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1215	1-216-089-91	METAL GLAZE	47K 5%	1/10W	R2211	1-216-025-00	METAL GLAZE	100 5%	1/10W
R1216	1-216-113-00	METAL GLAZE	470K 5%	1/10W	R2216	1-216-295-00	METAL GLAZE	0 5%	1/10W
R1217	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R2217	1-216-295-00	METAL GLAZE	0 5%	1/10W
R1218	1-216-121-00	METAL GLAZE	1M 5%	1/10W	R2218	1-249-389-11	CARBON	4.7 5%	1/4W F
R1219	1-216-113-00	METAL GLAZE	470K 5%	1/10W	R2219	1-249-389-11	CARBON	4.7 5%	1/4W F
R1220	1-216-113-00	METAL GLAZE	470K 5%	1/10W	R2220	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R1221	1-216-113-00	METAL GLAZE	470K 5%	1/10W	R2221	1-216-091-00	METAL GLAZE	56K 5%	1/10W
R1222	1-216-073-00	METAL GLAZE	10K 5%	1/10W					
R1223	1-216-073-00	METAL GLAZE	10K 5%	1/10W					

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK	
<b>&lt;CRYSTAL&gt;</b>								
X1101	1-579-689-21	VIBRATOR, CRYSTAL		C1362	1-124-927-11	ELECT 4.7MF	20% 50V	
X1102	1-579-282-21	VIBRATOR, CRYSTAL (KV-S2943E)		C1363	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	
X1102	1-579-283-11	VIBRATOR, CRYSTAL (KV-S2942U)		C1364	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	
X1201	1-567-307-11	OSCILLATOR, CRYSTAL		C1365	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	
				C1366	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	
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*A-1632-172-A A BOARD, COMPLETE ***** (KV-S2941A,S2941D,S2943E,S2941K)				C1368	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	
*A-1632-187-A A BOARD, COMPLETE (KV-S2941B) *****				C1370	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	
*A-1632-188-A A BOARD, COMPLETE (KV-S2942U) *****				C1373	1-164-336-11	CERAMIC CHIP 0.33MF	25V	
				C1374	1-124-903-11	ELECT 1MF	20% 50V	
				C1375	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	
<b>&lt;CAPACITOR&gt;</b>								
C071	1-126-803-11	ELECT 47MF	20%	10V	C1376	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C072	1-124-120-11	ELECT 220MF	20%	16V	C1378	1-163-007-11	CERAMIC CHIP 680PF	10% 50V
C073	1-126-101-11	ELECT 100MF	20%	16V	C1379	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C074	1-163-001-11	CERAMIC CHIP 220PF	10%	50V	C1380	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C103	1-163-031-11	CERAMIC CHIP 0.01MF		C1381	1-124-903-11	ELECT 1MF	20% 50V	
C104	1-124-910-11	ELECT 47MF	20%	50V	C1382	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
C105	1-124-916-11	ELECT 22MF	20%	50V	C1383	1-163-105-00	CERAMIC CHIP 33PF	5% 50V
C106	1-124-927-11	ELECT 4.7MF	20%	50V	C1384	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V
C110	1-164-005-11	CERAMIC CHIP 0.47MF		C1385	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	
C120	1-163-031-11	CERAMIC CHIP 0.01MF		C1386	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	
C208	1-164-005-11	CERAMIC CHIP 0.47MF		CN105	*1-568-882-51	PIN, CONNECTOR 7P		
C217	1-124-925-11	ELECT 2.2MF	20%	50V	CN0001	*1-564-520-11	PLUG, CONNECTOR 5P	
C218	1-124-925-11	ELECT 2.2MF	20%	50V	CN0101	1-695-298-11	CONNECTOR, BOARD TO BOARD 40P	
C231	1-164-346-11	CERAMIC CHIP 1MF		CN0102	1-695-298-11	CONNECTOR, BOARD TO BOARD 40P		
C232	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V	CN0103	*1-564-513-11	PLUG, CONNECTOR 10P	
C233	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V	CN0104	1-564-511-11	PLUG, CONNECTOR 8P	
C234	1-163-005-11	CERAMIC CHIP 470PF	10%	50V	CN0106	*1-568-880-51	PIN, CONNECTOR 5P (KV-S2941B)	
C235	1-130-772-00	FILM 0.22MF	5%	63V	CN0107	*1-568-879-11	PIN, CONNECTOR 4P	
C236	1-124-618-11	ELECT 2200MF	20%	35V	CN0109	1-695-298-11	CONNECTOR, BOARD TO BOARD 40P	
C237	1-124-618-11	ELECT 2200MF	20%	35V	CN0110	*1-568-882-51	PIN, CONNECTOR 7P	
C238	1-163-005-11	CERAMIC CHIP 470PF	10%	50V	CN0113	1-695-298-11	CONNECTOR, BOARD TO BOARD 40P	
C239	1-130-772-00	FILM 0.22MF	5%	63V	CN0119	*1-568-880-51	PIN, CONNECTOR 5P	
C240	1-124-916-11	ELECT 22MF	20%	50V	CN0145	1-695-298-11	CONNECTOR, BOARD TO BOARD 40P	
C241	1-124-916-11	ELECT 22MF	20%	50V	CN0146	*1-564-514-11	PLUG, CONNECTOR 11P	
C242	1-124-903-11	ELECT 1MF	20%	50V	CN0150	*1-568-881-51	PIN, CONNECTOR 6P	
<b>&lt;CONNECTOR&gt;</b>								
C244	1-164-222-11	CERAMIC CHIP 0.22MF		CN0151	*1-568-879-11	PIN, CONNECTOR 4P		
C248	1-163-185-00	CERAMIC CHIP 150PF	5%	50V	CN0152	1-568-882-51	PLUG, CONNECTOR 10P	
C249	1-163-129-00	CERAMIC CHIP 330PF	5%	50V	CN0153	1-568-880-51	PIN, CONNECTOR 5P	
C250	1-124-910-11	ELECT 47MF	20%	50V	CN0154	1-568-881-51	PLUG, CONNECTOR 11P	
C280	1-126-320-11	ELECT 10MF	20%	16V	CN0155	1-568-882-51	PIN, CONNECTOR 6P	
C290	1-162-638-11	CERAMIC CHIP 1MF		CN0156	1-568-883-51	PLUG, CONNECTOR 10P		
C682	1-126-101-11	ELECT 100MF	20%	16V	CN0157	1-568-884-51	PIN, CONNECTOR 11P	
C683	1-124-478-11	ELECT 100MF	20%	25V	CN0158	1-568-885-51	PLUG, CONNECTOR 10P	
C684	1-126-101-11	ELECT 100MF	20%	16V	CN0159	1-568-886-51	PIN, CONNECTOR 11P	
C685	1-124-478-11	ELECT 100MF	20%	25V	CN0160	1-568-887-51	PLUG, CONNECTOR 10P	
C1351	1-164-346-11	CERAMIC CHIP 1MF		CN0161	1-568-888-51	PIN, CONNECTOR 11P		
C1352	1-164-346-11	CERAMIC CHIP 1MF		CN0162	1-568-889-51	PLUG, CONNECTOR 10P		
C1353	1-164-346-11	CERAMIC CHIP 1MF		CN0163	1-568-890-51	PIN, CONNECTOR 11P		
C1354	1-164-346-11	CERAMIC CHIP 1MF		CN0164	1-568-891-51	PLUG, CONNECTOR 10P		
C1355	1-163-001-11	CERAMIC CHIP 220PF	10%	50V	CN0165	1-568-892-51	PIN, CONNECTOR 11P	
C1356	1-163-038-00	CERAMIC CHIP 0.1MF		CN0166	1-568-893-51	PLUG, CONNECTOR 10P		
C1357	1-124-120-11	ELECT 220MF	20%	16V	CN0167	1-568-894-51	PIN, CONNECTOR 11P	
C1358	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V	CN0168	1-568-895-51	PLUG, CONNECTOR 10P	
C1359	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V	CN0169	1-568-896-51	PIN, CONNECTOR 11P	
C1360	1-164-005-11	CERAMIC CHIP 0.47MF		CN0170	1-568-897-51	PLUG, CONNECTOR 10P		
<b>&lt;DIODE&gt;</b>								
C244	1-164-222-11	CERAMIC CHIP 0.22MF		D068	8-719-914-44	DIODE DAP202K		
C248	1-163-185-00	CERAMIC CHIP 150PF	5%	50V	D069	8-719-914-44	DIODE DAP202K	
C249	1-163-129-00	CERAMIC CHIP 330PF	5%	50V	D071	8-719-109-89	DIODE RD5.6ESB2	
C250	1-124-910-11	ELECT 47MF	20%	50V	D073	8-719-109-89	DIODE RD5.6ESB2	
C280	1-126-320-11	ELECT 10MF	20%	16V	D075	8-719-914-43	DIODE DAN202K	
C290	1-162-638-11	CERAMIC CHIP 1MF		D077	8-719-914-43	DIODE DAN202K		
C682	1-126-101-11	ELECT 100MF	20%	16V	D078	8-719-109-89	DIODE RD5.6ESB2	
C683	1-124-478-11	ELECT 100MF	20%	25V	D079	8-719-109-89	DIODE RD5.6ESB2	
C684	1-126-101-11	ELECT 100MF	20%	16V	D101	8-719-982-27	DIODE MTZJ-33C	
C685	1-124-478-11	ELECT 100MF	20%	25V	D206	8-719-914-43	DIODE DAN202K	
C1351	1-164-346-11	CERAMIC CHIP 1MF		D207	8-719-901-33	DIODE ISS133		
C1352	1-164-346-11	CERAMIC CHIP 1MF		D208	8-719-901-33	DIODE ISS133		
C1353	1-164-346-11	CERAMIC CHIP 1MF		D209	8-719-901-33	DIODE ISS133		
C1354	1-164-346-11	CERAMIC CHIP 1MF		D210	8-719-901-33	DIODE ISS133		
C1355	1-163-001-11	CERAMIC CHIP 220PF	10%	50V	D211	8-719-901-33	DIODE ISS133	
C1356	1-163-038-00	CERAMIC CHIP 0.1MF		D212	8-719-901-33	DIODE ISS133		
C1357	1-124-120-11	ELECT 220MF	20%	16V	D213	8-719-914-43	DIODE DAN202K	
C1358	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V	D215	8-719-914-42	DIODE DA204K	
C1359	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V	D216	8-719-914-42	DIODE DA204K	



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK					
R201	1-216-295-00	METAL GLAZE	0	5%	1/10W	R1358	1-216-295-00	METAL GLAZE	0	5%	1/10W					
R202	1-216-295-00	METAL GLAZE	0	5%	1/10W	R1359	1-216-047-00	METAL GLAZE	820	5%	1/10W					
R210	1-247-734-11	CARBON	39	5%	1/2W	R1360	1-216-097-00	METAL GLAZE	100K	5%	1/10W					
R211	1-247-734-11	CARBON	39	5%	1/2W	R1362	1-216-045-00	METAL GLAZE	680	5%	1/10W					
R212	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R1363	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W					
R213	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1364	1-216-039-00	METAL GLAZE	390	5%	1/10W					
R214	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R1365	1-216-039-00	METAL GLAZE	390	5%	1/10W					
R215	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1366	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W					
R216	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R1367	1-216-031-00	METAL GLAZE	180	5%	1/10W					
R217	1-216-043-00	METAL GLAZE	560	5%	1/10W	R1368	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W					
R218	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1369	1-216-045-00	METAL GLAZE	680	5%	1/10W					
R221	1-211-771-71	FUSIBLE	4.7	5%	1/4W F	R1370	1-216-039-00	METAL GLAZE	390	5%	1/10W					
R222	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R1371	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W					
R223	1-216-043-00	METAL GLAZE	560	5%	1/10W	R1372	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W					
R224	1-249-433-11	CARBON	22K	5%	1/4W	R1373	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W					
R225	1-211-771-71	FUSIBLE	4.7	5%	1/4W F	R1374	1-247-897-11	CARBON	560K	5%	1/4W					
R226	1-249-412-11	CARBON	390	5%	1/4W	R1375	1-216-033-00	METAL GLAZE	220	5%	1/10W					
R227	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1376	1-216-033-00	METAL GLAZE	220	5%	1/10W					
R228	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1377	1-216-033-00	METAL GLAZE	220	5%	1/10W					
R229	1-216-039-00	METAL GLAZE	390	5%	1/10W	R1378	1-216-033-00	METAL GLAZE	220	5%	1/10W					
R230	1-216-246-91	METAL GLAZE	100K	5%	1/8W	R1379	1-216-049-00	METAL GLAZE	1K	5%	1/10W					
R231	1-216-097-00	METAL GLAZE	100K	5%	1/10W	R1380	1-216-099-00	METAL GLAZE	120K	5%	1/10W					
R232	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1381	1-216-073-00	METAL GLAZE	10K	5%	1/10W					
R233	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W	R1382	1-216-101-00	METAL GLAZE	150K	5%	1/10W					
R234	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R1383	1-216-041-00	METAL GLAZE	470	5%	1/10W					
R235	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1384	1-216-041-00	METAL GLAZE	470	5%	1/10W					
R236	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1385	1-216-025-00	METAL GLAZE	100	5%	1/10W					
R239	1-216-295-00	METAL GLAZE	0	5%	1/10W	(KV-S2941A, S2941B, S2941D, S2943E, S2941K)										
R241	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R1386	1-216-025-00	METAL GLAZE	100	5%	1/10W					
R242	1-216-295-00	METAL GLAZE	0	5%	1/10W	(KV-S2941A, S2941B, S2941D, S2943E, S2941K)										
R244	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R1387	1-216-025-00	METAL GLAZE	100	5%	1/10W					
R245	1-216-089-91	METAL GLAZE	47K	5%	1/10W	(KV-S2941A, S2941B, S2941D, S2943E, S2941K)										
R246	1-216-097-00	METAL GLAZE	100K	5%	1/10W	R1388	1-216-043-00	METAL GLAZE	560	5%	1/10W					
R247	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1389	1-216-025-00	METAL GLAZE	100	5%	1/10W					
R248	1-216-025-00	METAL GLAZE	100	5%	1/10W	(KV-S2941A, S2941B, S2941D, S2943E, S2941K)										
R250	1-216-095-00	METAL GLAZE	82K	5%	1/10W	R1390	1-216-077-00	METAL GLAZE	15K	5%	1/10W					
R251	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R1391	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W					
R252	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1392	1-216-073-00	METAL GLAZE	10K	5%	1/10W					
R253	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1393	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W					
R254	1-216-252-00	METAL GLAZE	180K	5%	1/8W	R1394	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W					
R255	1-216-252-00	METAL GLAZE	180K	5%	1/8W	R1395	1-216-295-00	METAL GLAZE	0	5%	1/10W					
R256	1-247-807-31	CARBON	100	5%	1/4W	R1396	1-216-689-11	METAL GLAZE	39K	5%	1/10W					
R257	1-247-807-31	CARBON	100	5%	1/4W	R1397	1-216-089-91	METAL GLAZE	47K	5%	1/10W					
R258	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R1399	1-216-089-91	METAL GLAZE	47K	5%	1/10W					
R259	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	R2301	1-216-025-00	METAL GLAZE	100	5%	1/10W					
R260	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	(KV-S2941A, S2941B, S2941D, S2943E, S2941K)										
R294	1-216-037-00	METAL GLAZE	330	5%	1/10W	R2302	1-216-113-00	METAL GLAZE	470K	5%	1/10W					
R295	1-216-027-00	METAL GLAZE	120	5%	1/10W	R2303	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W					
R296	1-216-075-00	METAL GLAZE	12K	5%	1/10W	R2304	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W					
R623	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R2305	1-216-683-11	METAL CHIP	22K	0.50%	1/10W					
R685	1-216-295-00	METAL GLAZE	0	5%	1/10W	R2306	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W					
R691	1-249-417-11	CARBON	1K	5%	1/4W F	R2307	1-216-073-00	METAL GLAZE	10K	5%	1/10W					
R692	1-216-385-11	METAL OXIDE	0.47	5%	3W F	R2308	1-216-073-00	METAL GLAZE	10K	5%	1/10W					
R693	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R2309	1-216-081-00	METAL GLAZE	22K	5%	1/10W					
R694	1-216-471-71	METAL OXIDE	27	5%	3W F	R2310	1-216-683-11	METAL CHIP	22K	0.50%	1/10W					
R695	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R2311	1-216-049-00	METAL GLAZE	1K	5%	1/10W					
R696	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	R2313	1-216-081-00	METAL GLAZE	22K	5%	1/10W					
R697	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R2314	1-216-037-00	METAL GLAZE	330	5%	1/10W					
R1354	1-216-025-00	METAL GLAZE	100	5%	1/10W	R2316	1-216-295-00	METAL GLAZE	0	5%	1/10W					
(KV-S2941A, S2941B, S2941D, S2943E, S2941K)																
R1355	1-216-171-00	METAL GLAZE	75	5%	1/8W	R2318	1-216-295-00	METAL GLAZE	0	5%	1/10W					
R1356	1-216-085-00	METAL GLAZE	33K	5%	1/10W	R2320	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W					
R1357	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R2321	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W					
						R2322	1-216-023-00	METAL GLAZE	82	5%	1/10W					

**A****IF**

(KV-S2941A, S2941D, S2943E, S2941K)

The components identified by shading and mark **Δ** are critical for safety.  
Replace only with part number specified.

Les composants identifiés par une trame et une marque **Δ** sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK						
R2361	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	CF4	1-567-570-11	FILTER, CERAMIC							
<b>&lt;VARIABLE RESISTOR&gt;</b>													
RV101	1-241-760-21	RES, ADJ, CERMET	470	SWF1	1-579-658-11	FILTER, SAWTOOTH WAVE							
<b>&lt;CONNECTOR&gt;</b>													
TU101Δ	1-693-184-11	TUNER (UP44C)	(KV-S2942U)	CN1	1-750-173-11	PIN, CONNECTOR (PC BOARD)	10P						
TU101Δ	1-693-185-11	TUNER (UV916H)	(KV-S2941A, S2941B, S2941D, S2943E, S2941K)	CN2	1-750-173-11	PIN, CONNECTOR (PC BOARD)	10P						
*****													
1-466-733-11	IF BLOCK (JFH-389)			<b>&lt;TRIMMER&gt;</b>									
*****								CT1	1-404-801-11	TRAP, CERAMIC			
*****								<b>&lt;DIODE&gt;</b>					
C101	1-163-121-00	CERAMIC CHIP	150PF 5%	50V	D161	8-719-400-18	DIODE MA152WK						
C102	1-164-222-11	CERAMIC CHIP	0.22MF	25V	<b>&lt;IC&gt;</b>								
C103	1-164-232-11	CERAMIC CHIP	0.01MF	10%	IC1	8-759-070-76	IC M52308SP						
C104	1-164-232-11	CERAMIC CHIP	0.01MF	10%	IC2	8-759-070-71	IC TDA9820						
C105	1-164-004-11	CERAMIC CHIP	0.1MF	10%	IC3	8-759-514-54	IC BA7046						
<b>&lt;CAPACITOR&gt;</b>								<b>&lt;COIL&gt;</b>					
C106	1-124-477-11	ELECT	47MF	20%	16V	L101	1-408-421-00	INDUCTOR	100UH				
C107	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	L102	1-408-419-00	INDUCTOR	68UH				
C108	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	L103	1-408-419-00	INDUCTOR	68UH				
C109	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	L104	1-408-408-00	INDUCTOR	8.2UH				
C112	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	L121	1-408-413-00	INDUCTOR	22UH				
C113	1-163-101-00	CERAMIC CHIP	22PF	5%	50V	L122	1-408-420-00	INDUCTOR	82UH				
C114	1-124-477-11	ELECT	47MF	20%	16V	L142	1-410-790-41	INDUCTOR	0.56UH				
C115	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	L151	1-408-419-00	INDUCTOR	68UH				
C116	1-164-346-11	CERAMIC CHIP	1MF		16V	L161	1-408-419-00	INDUCTOR	68UH				
C118	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	<b>&lt;TRANSISTOR&gt;</b>							
C119	1-163-369-11	CERAMIC CHIP	47PF	5%	50V	Q101	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
C121	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	Q102	8-729-216-22	TRANSISTOR 2SA1162-G					
C122	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	Q121	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
C123	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	Q122	8-729-216-22	TRANSISTOR 2SA1162-G					
C124	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	Q161	8-729-216-22	TRANSISTOR 2SA1162-G					
C130	1-216-295-00	METAL GLAZE	0	5%	1/10W	<b>&lt;RESISTOR&gt;</b>							
C131	1-163-093-00	CERAMIC CHIP	10PF	5%	50V	Q170	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
C133	1-124-477-11	ELECT	47MF	20%	16V	Q171	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
C152	1-164-337-11	CERAMIC CHIP	2.2MF		16V	Q172	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
C153	1-164-337-11	CERAMIC CHIP	2.2MF		16V	Q173	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
C154	1-164-337-11	CERAMIC CHIP	2.2MF		16V	<b>&lt;FILTER&gt;</b>							
C155	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	JR2	1-216-295-00	METAL GLAZE	0	5%	1/10W		
C156	1-124-477-11	ELECT	47MF	20%	16V	JR3	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C161	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	JR4	1-216-295-00	METAL GLAZE	0	5%	1/10W		
C162	1-164-222-11	CERAMIC CHIP	0.22MF		25V	JR7	1-216-295-00	METAL GLAZE	0	5%	1/10W		
C163	1-164-346-11	CERAMIC CHIP	1MF		16V	JR8	1-216-295-00	METAL GLAZE	0	5%	1/10W		
C164	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V	JR9	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C165	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	JR11	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C166	1-124-477-11	ELECT	47MF	20%	16V	JR14	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C167	1-163-213-00	CERAMIC CHIP	0.0022MF	5%	50V	JR16	1-216-295-00	METAL GLAZE	0	5%	1/10W		
C168	1-164-346-11	CERAMIC CHIP	1MF		16V	JR18	1-216-295-00	METAL GLAZE	0	5%	1/10W		
C170	1-124-477-11	ELECT	47MF	20%	16V	JR19	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C171	1-124-477-11	ELECT	47MF	20%	16V	JR20	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C172	1-124-477-11	ELECT	47MF	20%	16V	JR21	1-216-296-00	METAL GLAZE	0	5%	1/8W		
C173	1-124-477-11	ELECT	47MF	20%	16V	JR23	1-216-296-00	METAL GLAZE	0	5%	1/8W		
<b>&lt;CONNECTOR&gt;</b>								JR24	1-216-296-00	METAL GLAZE	0	5%	1/8W
CF2	1-527-839-00	FILTER, CERAMIC				JR25	1-216-296-00	METAL GLAZE	0	5%	1/8W		
CF3	1-527-840-00	FILTER, CERAMIC											

IF

(KV-S2941A, S2941D, S2943E, S2941K)

IF

(KV-S2942U)

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK	
JR29	1-216-296-00	METAL GLAZE	0	5%	1/10W	R181	1-216-037-00	METAL GLAZE	330	5%	1/10W
JR30	1-216-295-00	METAL GLAZE	0	5%	1/10W						<VARIABLE RESISTOR>
JR33	1-216-295-00	METAL GLAZE	0	5%	1/10W	RV1	1-241-121-11	RES, ADJ, CARBON 4.7K			
JR38	1-216-296-00	METAL GLAZE	0	5%	1/8W						<TRANSFORMER>
JR39	1-216-296-00	METAL GLAZE	0	5%	1/8W	T4	1-416-017-21	COIL			
JR40	1-216-296-00	METAL GLAZE	0	5%	1/8W	T5	1-416-018-21	COIL			
R101	1-216-075-00	METAL GLAZE	12K	5%	1/10W						*****
R102	1-216-073-00	METAL GLAZE	10K	5%	1/10W						*****
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W						*****
R104	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W						1-466-734-11 IF BLOCK (IFH-395) (KV-S2942U) *****
R106	1-216-049-00	METAL GLAZE	1K	5%	1/10W						
R107	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W						
R108	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W						
R110	1-216-041-00	METAL GLAZE	470	5%	1/10W						
R113	1-216-031-00	METAL GLAZE	180	5%	1/10W						
R114	1-216-049-00	METAL GLAZE	1K	5%	1/10W						<CAPACITOR>
R115	1-216-027-00	METAL GLAZE	120	5%	1/10W	C101	1-163-239-11	CERAMIC CHIP 33PF		5%	50V
R116	1-216-101-00	METAL GLAZE	150K	5%	1/10W	C102	1-164-222-11	CERAMIC CHIP 0.22MF			25V
R117	1-216-097-00	METAL GLAZE	100K	5%	1/10W	C103	1-164-232-11	CERAMIC CHIP 0.01MF		10%	50V
R118	1-216-117-00	METAL GLAZE	680K	5%	1/10W	C104	1-164-232-11	CERAMIC CHIP 0.01MF		10%	50V
R119	1-216-240-00	METAL GLAZE	56K	5%	1/8W	C105	1-164-004-11	CERAMIC CHIP 0.1MF		10%	25V
R120	1-216-075-00	METAL GLAZE	12K	5%	1/10W	C106	1-124-477-11	ELECT 47MF		20%	16V
R121	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	C107	1-164-004-11	CERAMIC CHIP 0.1MF		10%	25V
R122	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	C108	1-164-004-11	CERAMIC CHIP 0.1MF		10%	25V
R123	1-216-075-00	METAL GLAZE	12K	5%	1/10W	C109	1-164-232-11	CERAMIC CHIP 0.01MF		10%	50V
R124	1-216-041-00	METAL GLAZE	470	5%	1/10W	C110	1-124-477-11	ELECT 47MF		20%	16V
R125	1-216-041-00	METAL GLAZE	470	5%	1/10W	C112	1-164-004-11	CERAMIC CHIP 0.1MF		10%	25V
R127	1-216-047-00	METAL GLAZE	820	5%	1/10W	C113	1-163-101-00	CERAMIC CHIP 22PF		5%	50V
R130	1-216-049-00	METAL GLAZE	1K	5%	1/10W	C114	1-124-477-11	ELECT 47MF		20%	16V
R131	1-216-025-00	METAL GLAZE	100	5%	1/10W	C115	1-164-232-11	CERAMIC CHIP 0.01MF		10%	50V
R132	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	C116	1-164-346-11	CERAMIC CHIP 1MF			16V
R133	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	C118	1-164-004-11	CERAMIC CHIP 0.1MF		10%	25V
R134	1-216-049-00	METAL GLAZE	1K	5%	1/10W	C119	1-163-369-11	CERAMIC CHIP 47PF		5%	50V
R135	1-216-198-00	METAL GLAZE	1K	5%	1/8W	C122	1-163-093-00	CERAMIC CHIP 10PF		5%	50V
R150	1-216-043-00	METAL GLAZE	560	5%	1/10W	C130	1-216-295-00	METAL GLAZE 0		5%	1/10W
R151	1-216-043-00	METAL GLAZE	560	5%	1/10W	C131	1-163-224-11	CERAMIC CHIP 7PF		0.25PF	50V
R152	1-216-043-00	METAL GLAZE	560	5%	1/10W	C133	1-124-477-11	ELECT 47MF		20%	16V
R153	1-216-025-00	METAL GLAZE	100	5%	1/10W	C161	1-163-117-00	CERAMIC CHIP 100PF		5%	50V
R154	1-216-049-00	METAL GLAZE	1K	5%	1/10W	C162	1-164-222-11	CERAMIC CHIP 0.22MF			25V
R155	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	C163	1-164-346-11	CERAMIC CHIP 1MF			16V
R156	1-216-083-00	METAL GLAZE	27K	5%	1/10W	C164	1-163-141-00	CERAMIC CHIP 0.001MF		5%	50V
R157	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	C165	1-164-232-11	CERAMIC CHIP 0.01MF		10%	50V
R159	1-216-107-00	METAL GLAZE	270K	5%	1/10W	C166	1-124-477-11	ELECT 47MF		20%	16V
R160	1-216-049-00	METAL GLAZE	1K	5%	1/10W	C167	1-163-213-00	CERAMIC CHIP 0.0022MF		5%	50V
R161	1-218-755-11	METAL CHIP	130K	0.50%	1/10W	C168	1-164-346-11	CERAMIC CHIP 1MF			16V
R162	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C170	1-124-477-11	ELECT 47MF		20%	16V
R163	1-216-113-00	METAL GLAZE	470K	5%	1/10W	C171	1-124-477-11	ELECT 47MF		20%	16V
R164	1-216-113-00	METAL GLAZE	470K	5%	1/10W						<FILTER>
R165	1-216-081-00	METAL GLAZE	22K	5%	1/10W						
R166	1-216-049-00	METAL GLAZE	1K	5%	1/10W						
R167	1-216-073-00	METAL GLAZE	10K	5%	1/10W	CD1	1-579-657-21	DISCRIMINATOR, CERAMIC			
R168	1-216-113-00	METAL GLAZE	470K	5%	1/10W	CF1	1-567-569-11	FILTER, CERAMIC			
R169	1-216-049-00	METAL GLAZE	1K	5%	1/10W	SWF1	1-579-659-11	FILTER, SAWTOOTH WAVE			
R170	1-216-083-00	METAL GLAZE	27K	5%	1/10W						<CONNECTOR>
R171	1-216-075-00	METAL GLAZE	12K	5%	1/10W	CN1	1-750-173-11	PIN, CONNECTOR (PC BOARD)	10P		
R172	1-216-095-00	METAL GLAZE	82K	5%	1/10W	CN2	1-750-173-11	PIN, CONNECTOR (PC BOARD)	10P		
R173	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W						<TRIMMER>
R174	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	CT1	1-409-333-00	TRAP, CERAMIC (6.0MHZ)			
R175	1-216-083-00	METAL GLAZE	27K	5%	1/10W						
R176	1-216-075-00	METAL GLAZE	12K	5%	1/10W						
R177	1-216-095-00	METAL GLAZE	82K	5%	1/10W						
R178	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W						
R179	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W						
R180	1-216-037-00	METAL GLAZE	330	5%	1/10W						

IF

(KV-S2942U)

IF

(KV-S2941B)

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<DIODE>				R106	1-216-049-00	METAL GLAZE	1K 5% 1/10W
D161	8-719-400-18	DIODE MA152WK		R107	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
<IC>				R108	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
IC1	8-759-070-76	IC M52308SP		R110	1-216-041-00	METAL GLAZE	470 5% 1/10W
IC3	8-759-514-54	IC BA7046		R112	1-216-045-00	METAL GLAZE	680 5% 1/10W
<COIL>				R113	1-216-031-00	METAL GLAZE	180 5% 1/10W
L101	1-408-414-00	INDUCTOR	27UH	R114	1-216-049-00	METAL GLAZE	1K 5% 1/10W
L102	1-408-419-00	INDUCTOR	68UH	R115	1-216-031-00	METAL GLAZE	180 5% 1/10W
L103	1-408-419-00	INDUCTOR	68UH	R116	1-216-101-00	METAL GLAZE	150K 5% 1/10W
L104	1-408-406-00	INDUCTOR	5.6UH	R117	1-216-097-00	METAL GLAZE	100K 5% 1/10W
L105	1-408-410-00	INDUCTOR	12UH	R118	1-216-117-00	METAL GLAZE	680K 5% 1/10W
L142	1-410-790-41	INDUCTOR	0.56UH	R119	1-216-240-00	METAL GLAZE	56K 5% 1/8W
L161	1-408-419-00	INDUCTOR	68UH	R120	1-216-075-00	METAL GLAZE	12K 5% 1/10W
<TRANSISTOR>				R121	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
Q101	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R122	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
Q102	8-729-216-22	TRANSISTOR 2SA1162-G		R123	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
Q122	8-729-216-22	TRANSISTOR 2SA1162-G		R130	1-216-049-00	METAL GLAZE	1K 5% 1/10W
Q161	8-729-216-22	TRANSISTOR 2SA1162-G		R131	1-216-025-00	METAL GLAZE	100 5% 1/10W
Q172	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R132	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
Q173	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R133	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
<RESISTOR>				R134	1-216-049-00	METAL GLAZE	1K 5% 1/10W
JR1	1-216-296-00	METAL GLAZE	0 5% 1/8W	R135	1-216-198-00	METAL GLAZE	1K 5% 1/8W
JR2	1-216-295-00	METAL GLAZE	0 5% 1/10W	R153	1-216-025-00	METAL GLAZE	100 5% 1/10W
JR3	1-216-296-00	METAL GLAZE	0 5% 1/8W	R159	1-216-107-00	METAL GLAZE	270K 5% 1/10W
JR4	1-216-295-00	METAL GLAZE	0 5% 1/10W	R160	1-216-049-00	METAL GLAZE	1K 5% 1/10W
JR7	1-216-295-00	METAL GLAZE	0 5% 1/10W	R161	1-216-755-11	METAL CHIP	130K 0.50% 1/10W
JR8	1-216-295-00	METAL GLAZE	0 5% 1/10W	R162	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR9	1-216-296-00	METAL GLAZE	0 5% 1/8W	R163	1-216-113-00	METAL GLAZE	470K 5% 1/10W
JR10	1-216-296-00	METAL GLAZE	0 5% 1/8W	R164	1-216-113-00	METAL GLAZE	470K 5% 1/10W
JR11	1-216-296-00	METAL GLAZE	0 5% 1/8W	R165	1-216-081-00	METAL GLAZE	22K 5% 1/10W
JR12	1-216-295-00	METAL GLAZE	0 5% 1/10W	R166	1-216-049-00	METAL GLAZE	1K 5% 1/10W
JR13	1-163-093-00	CERAMIC CHIP 10PF	5% 50V	R167	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR14	1-216-296-00	METAL GLAZE	0 5% 1/8W	R168	1-216-113-00	METAL GLAZE	470K 5% 1/10W
JR16	1-216-295-00	METAL GLAZE	0 5% 1/10W	R169	1-216-049-00	METAL GLAZE	1K 5% 1/10W
JR18	1-216-295-00	METAL GLAZE	0 5% 1/10W	R175	1-216-083-00	METAL GLAZE	27K 5% 1/10W
JR19	1-216-296-00	METAL GLAZE	0 5% 1/8W	R176	1-216-075-00	METAL GLAZE	12K 5% 1/10W
<VARIABLE RESISTOR>				R177	1-216-095-00	METAL GLAZE	82K 5% 1/10W
JR20	1-216-296-00	METAL GLAZE	0 5% 1/8W	R178	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W
JR21	1-216-296-00	METAL GLAZE	0 5% 1/8W	R179	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
JR23	1-216-296-00	METAL GLAZE	0 5% 1/8W	R181	1-216-037-00	METAL GLAZE	330 5% 1/10W
JR24	1-216-296-00	METAL GLAZE	0 5% 1/8W	RV1	1-241-121-11	RES, ADJ, CARBON 4.7K	
JR25	1-216-296-00	METAL GLAZE	0 5% 1/8W	<TRANSFORMER>			
JR29	1-216-296-00	METAL GLAZE	0 5% 1/8W	T4	1-416-017-21	COIL	
JR30	1-216-295-00	METAL GLAZE	0 5% 1/10W	T5	1-416-018-21	COIL	
JR33	1-216-295-00	METAL GLAZE	0 5% 1/10W	*****			
JR38	1-216-296-00	METAL GLAZE	0 5% 1/8W	1-466-735-11 IF BLOCK (IFH-389F) (KV-S2941B)			
JR39	1-216-296-00	METAL GLAZE	0 5% 1/8W	*****			
<CAPACITOR>				C1	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
JR40	1-216-296-00	METAL GLAZE	0 5% 1/8W	C2	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
JR41	1-216-295-00	METAL GLAZE	0 5% 1/10W	C3	1-124-903-11	ELECT 1MF	20% 50V
JR42	1-216-295-00	METAL GLAZE	0 5% 1/10W	C4	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
JR101	1-216-295-00	METAL GLAZE	0 5% 1/10W	C5	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
R101	1-216-075-00	METAL GLAZE	12K 5% 1/10W	C6	1-163-017-00	CERAMIC CHIP 0.0047MF	10% 50V
R102	1-216-045-00	METAL GLAZE	680 5% 1/10W	C7	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V
R103	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W				
R104	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W				
R105	1-216-043-00	METAL GLAZE	560 5% 1/10W				

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C8	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	CT2	1-409-429-11	TRAP, CERAMIC			
C9	1-124-916-11	ELECT	22MF	20%	25V	CV1	1-141-245-00	CAP, TRIMMER			
C10	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	CV2	1-141-245-00	CAP, TRIMMER			
C11	1-124-477-11	ELECT	47MF	20%	16V	CV3	1-141-304-21	TRIMMER, CERAMIC			
C13	1-163-059-00	CERAMIC CHIP	0.01MF	10%	50V						
C14	1-124-477-11	ELECT	47MF	20%	16V			<DIODE>			
C15	1-124-903-11	ELECT	1MF	20%	50V	D7	8-719-421-57	DIODE MA73-TX			
C16	1-163-061-00	CERAMIC CHIP	0.015MF	10%	50V	D8	8-719-421-57	DIODE MA73-TX			
C17	1-162-638-11	CERAMIC CHIP	1MF		16V	D9	8-719-421-57	DIODE MA73-TX			
C18	1-162-638-11	CERAMIC CHIP	1MF		16V						
C19	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V						
C20	1-124-902-00	ELECT	0.47MF	20%	50V			<IC>			
C21	1-124-903-11	ELECT	1MF	20%	50V	IC1	8-759-070-75	IC M52312SP			
C22	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	IC2	8-759-070-71	IC TDA9820			
C23	1-124-902-00	ELECT	0.47MF	20%	50V	IC3	8-759-979-62	IC PCF8574			
C24	1-164-506-11	CERAMIC CHIP	4.7MF		16V						
C25	1-124-477-11	ELECT	47MF	20%	16V	L1	1-408-419-00	INDUCTOR	68UH		
C26	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	L2	1-408-419-00	INDUCTOR	68UH		
C27	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	L3	1-408-407-00	INDUCTOR	6.8UH		
C28	1-124-477-11	ELECT	47MF	20%	16V	L4	1-408-419-00	INDUCTOR	68UH		
C33	1-124-907-11	ELECT	10MF	20%	50V	L5	1-408-419-00	INDUCTOR	68UH		
C34	1-124-907-11	ELECT	10MF	20%	50V	L7	1-408-406-00	INDUCTOR	5.6UH		
C35	1-124-925-11	ELECT	2.2MF	20%	50V	L9	1-408-419-00	INDUCTOR	68UH		
C36	1-124-477-11	ELECT	47MF	20%	16V	L71	1-408-419-00	INDUCTOR	68UH		
C37	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	L101	1-408-399-00	INDUCTOR	1.5UH		
C38	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	L121	1-408-407-00	INDUCTOR	6.8UH		
C40	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V						
C71	1-124-477-11	ELECT	47MF	20%	16V						
C72	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V						
C80	1-124-477-11	ELECT	47MF	20%	16V						
C83	1-124-477-11	ELECT	47MF	20%	16V			<TRANSISTOR>			
C84	1-124-477-11	ELECT	47MF	20%	16V	Q1	8-729-907-06	TRANSISTOR BF199-AMMO			
C85	1-124-477-11	ELECT	47MF	20%	16V	Q4	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C86	1-124-477-11	ELECT	47MF	20%	16V	Q5	8-729-115-10	TRANSISTOR 2SK105A-10			
C87	1-124-477-11	ELECT	47MF	20%	16V	Q6	8-729-900-52	TRANSISTOR DTC114YK			
C91	1-163-229-11	CERAMIC CHIP	12PF	5%	50V	Q7	8-729-216-22	TRANSISTOR 2SA1162-G			
C95	1-164-337-11	CERAMIC CHIP	2.2MF		16V	Q8	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C101	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	Q10	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C102	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	Q11	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C104	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	Q12	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C105	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	Q13	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C106	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	Q14	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C121	1-126-176-11	ELECT	220MF	20%	10V	Q15	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
C122	1-163-119-00	CERAMIC CHIP	120PF	5%	50V	Q16	8-729-216-22	TRANSISTOR 2SA1162-G			
C131	1-126-099-11	ELECT	2.2MF	20%	35V	Q101	8-729-104-80	TRANSISTOR 2SC3355			
						Q121	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
<FILTER>											
<RESISTOR>											
CF1	1-527-839-00	FILTER, CERAMIC				JR2	1-216-295-00	METAL GLAZE	0	5%	1/10W
CF2	1-567-569-11	FILTER, CERAMIC				JR3	1-216-296-00	METAL GLAZE	0	5%	1/8W
CF3	1-527-840-00	FILTER, CERAMIC				JR5	1-216-296-00	METAL GLAZE	0	5%	1/8W
CF4	1-567-570-11	FILTER, CERAMIC				R1	1-216-025-00	METAL GLAZE	100	5%	1/10W
SWF1	1-579-662-11	FILTER, SURFACE WAVE				R2	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
SWF3	1-404-711-11	SAWF				R3	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
SWF4	1-579-660-11	FILTER, SAWTOOTH WAVE				R4	1-216-041-00	METAL GLAZE	470	5%	1/10W
<CONNECTOR>											
CN1	1-750-173-11	PIN, CONNECTOR (PC BOARD)	10P			R5	1-216-021-00	METAL GLAZE	68	5%	1/10W
CN2	1-750-173-11	PIN, CONNECTOR (PC BOARD)	10P			R6	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
<TRIMMER>											
CT1	1-404-801-11	TRAP, CERAMIC				R8	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
						R9	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
						R10	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
						R11	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
						R24	1-216-280-00	METAL GLAZE	2.7M	5%	1/8W
						R25	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W

IF

(KV-S2941B)

M3

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK		
R26	1-216-061-00	METAL GLAZE	3.3K 5%	1/10W	R121	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R27	1-216-266-00	METAL GLAZE	680K 5%	1/8W	R122	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R28	1-216-075-00	METAL GLAZE	12K 5%	1/10W	R123	1-216-041-00	METAL GLAZE	470 5%	1/10W
R29	1-216-035-00	METAL GLAZE	270 5%	1/10W	R124	1-216-041-00	METAL GLAZE	470 5%	1/10W
R30	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R125	1-216-041-00	METAL GLAZE	470 5%	1/10W
R31	1-216-017-00	METAL GLAZE	47 5%	1/10W	R301	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R32	1-216-043-00	METAL GLAZE	560 5%	1/10W	R302	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R33	1-216-037-00	METAL GLAZE	330 5%	1/10W	R303	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R34	1-216-252-00	METAL GLAZE	180K 5%	1/8W	R304	1-216-037-00	METAL GLAZE	330 5%	1/10W
R35	1-216-035-00	METAL GLAZE	270 5%	1/10W	R305	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R36	1-216-029-00	METAL GLAZE	150 5%	1/10W	R306	1-216-025-00	METAL GLAZE	100 5%	1/10W
R37	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R307	1-216-037-00	METAL GLAZE	330 5%	1/10W
R38	1-216-099-00	METAL GLAZE	120K 5%	1/10W	R308	1-216-037-00	METAL GLAZE	330 5%	1/10W
R39	1-216-089-00	METAL GLAZE	47K 5%	1/10W					
R40	1-216-049-00	METAL GLAZE	1K 5%	1/10W					
R42	1-216-061-00	METAL GLAZE	3.3K 5%	1/10W					
R43	1-216-067-00	METAL GLAZE	5.6K 5%	1/10W					
R44	1-216-027-00	METAL GLAZE	120 5%	1/10W					
R45	1-216-041-00	METAL GLAZE	470 5%	1/10W					
R46	1-216-031-00	METAL GLAZE	180 5%	1/10W					
R47	1-216-075-00	METAL GLAZE	12K 5%	1/10W					
R48	1-216-081-00	METAL GLAZE	22K 5%	1/10W					
R49	1-216-049-00	METAL GLAZE	1K 5%	1/10W	T1	1-404-806-21	COIL		
R53	1-216-082-00	METAL GLAZE	24K 5%	1/10W	T3	1-416-012-11	COIL		
R54	1-216-043-00	METAL GLAZE	560 5%	1/10W	T4	1-416-012-11	COIL		
R55	1-216-043-00	METAL GLAZE	560 5%	1/10W	T5	1-402-720-11	COIL		
R56	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W					
R57	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W					
R58	1-216-041-00	METAL GLAZE	470 5%	1/10W					
R59	1-216-043-00	METAL GLAZE	560 5%	1/10W					
R60	1-216-043-00	METAL GLAZE	560 5%	1/10W					
R61	1-216-295-00	METAL GLAZE	0 5%	1/10W					
R63	1-216-043-00	METAL GLAZE	560 5%	1/10W					
R71	1-216-079-00	METAL GLAZE	18K 5%	1/10W					
R72	1-216-079-00	METAL GLAZE	18K 5%	1/10W					
R73	1-216-049-00	METAL GLAZE	1K 5%	1/10W					
R74	1-216-079-00	METAL GLAZE	18K 5%	1/10W					
R75	1-216-079-00	METAL GLAZE	18K 5%	1/10W					
R76	1-216-025-00	METAL GLAZE	100 5%	1/10W					
R77	1-216-174-00	METAL GLAZE	100 5%	1/8W					
R81	1-216-095-00	METAL GLAZE	82K 5%	1/10W					
R82	1-216-121-00	METAL GLAZE	1M 5%	1/10W					
R83	1-216-025-00	METAL GLAZE	100 5%	1/10W					
R84	1-216-085-00	METAL GLAZE	33K 5%	1/10W					
R85	1-216-085-00	METAL GLAZE	33K 5%	1/10W					
R86	1-216-689-11	METAL GLAZE	39K 5%	1/10W					
R87	1-216-095-00	METAL GLAZE	82K 5%	1/10W					
R88	1-216-095-00	METAL GLAZE	82K 5%	1/10W					
R89	1-216-095-00	METAL GLAZE	82K 5%	1/10W					
R90	1-216-075-00	METAL GLAZE	12K 5%	1/10W					
R91	1-216-295-00	METAL GLAZE	0 5%	1/10W					
R92	1-216-075-00	METAL GLAZE	12K 5%	1/10W					
R93	1-216-075-00	METAL GLAZE	12K 5%	1/10W					
R94	1-216-059-00	METAL GLAZE	2.7K 5%	1/10W					
R95	1-216-059-00	METAL GLAZE	2.7K 5%	1/10W					
R96	1-216-059-00	METAL GLAZE	2.7K 5%	1/10W					
R97	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W					
R98	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W					
R99	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W					
R100	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W					
R102	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W					
R103	1-216-063-00	METAL GLAZE	3.9K 5%	1/10W					
R104	1-216-049-00	METAL GLAZE	1K 5%	1/10W					
R105	1-216-033-00	METAL GLAZE	220 5%	1/10W					
<VARIABLE RESISTOR>									
RV2 1-241-120-11 RES, ADJ, CARBON 2.2K									
<TRANSFORMER>									
T1 1-404-806-21 COIL									
T3 1-416-012-11 COIL									
T4 1-416-012-11 COIL									
T5 1-402-720-11 COIL									
<CRYSTAL>									
X1 1-579-648-21 VIBRATOR, CERAMIC									
*****									
*A-1635-018-A M3 BOARD, COMPLETE									
*****									
<CAPACITOR>									
C001 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C002 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C003 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C004 1-164-222-11 CERAMIC CHIP 0.22MF 25V									
C007 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C008 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C010 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C011 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C012 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C014 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C016 1-163-141-00 CERAMIC CHIP 0.001MF 5% 50V									
C017 1-164-222-11 CERAMIC CHIP 0.22MF 25V									
C018 1-164-505-11 CERAMIC CHIP 2.2MF 16V									
C019 1-124-916-11 ELECT 22MF 20% 50V									
C020 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C022 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V									
C023 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V									
C024 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V									
C025 1-164-222-11 CERAMIC CHIP 0.22MF 25V									
C026 1-164-222-11 CERAMIC CHIP 0.22MF 25V									
C032 1-163-117-00 CERAMIC CHIP 100PF 5% 50V									
C042 1-162-638-11 CERAMIC CHIP 1MF 16V									
C081 1-163-113-00 CERAMIC CHIP 68PF 5% 50V									
C2001 1-163-235-11 CERAMIC CHIP 22PF 5% 50V									
C2002 1-163-235-11 CERAMIC CHIP 22PF 5% 50V									
C2003 1-164-222-11 CERAMIC CHIP 0.22MF 25V									
C2004 1-164-222-11 CERAMIC CHIP 0.22MF 25V									
C2005 1-163-038-00 CERAMIC CHIP 0.1MF 25V									

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C2008	1-164-222-11	CERAMIC CHIP	0.22MF		25V	R010	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2010	1-163-038-00	CERAMIC CHIP	0.1MF		25V	R011	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2016	1-164-222-11	CERAMIC CHIP	0.22MF		25V	R012	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2017	1-164-222-11	CERAMIC CHIP	0.22MF		25V	R013	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2019	1-124-916-11	ELECT	22MF	20%	50V	R014	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2020	1-164-222-11	CERAMIC CHIP	0.22MF		25V	R016	1-216-045-00	METAL GLAZE	680	5%	1/10W
C2021	1-163-113-00	CERAMIC CHIP	68PF	5%	50V	R017	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2024	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	R018	1-216-041-00	METAL GLAZE	470	5%	1/10W
C2025	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	R019	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2027	1-164-222-11	CERAMIC CHIP	0.22MF		25V	R020	1-216-049-00	METAL GLAZE	1K	5%	1/10W
C2029	1-163-113-00	CERAMIC CHIP	68PF	5%	50V	R021	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
C2031	1-163-031-11	CERAMIC CHIP	0.01MF		50V	R022	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
		<VIBRATOR CERAMIC>				R023	1-216-025-00	METAL GLAZE	100	5%	1/10W
CD001	1-579-126-11	VIBRATOR, CERAMIC				R024	1-216-049-00	METAL GLAZE	1K	5%	1/10W
		<CONNECTOR>				R025	1-216-049-00	METAL GLAZE	1K	5%	1/10W
CN1413	1-695-301-11	CONNECTOR, BOARD TO BOARD	40P			R026	1-216-049-00	METAL GLAZE	1K	5%	1/10W
CN1432	1-564-511-11	PLUG, CONNECTOR	8P			R032	1-216-049-00	METAL GLAZE	1K	5%	1/10W
		<DIODE>				R033	1-216-049-00	METAL GLAZE	1K	5%	1/10W
D001	8-719-027-82	DIODE	MA3039H-TX			R034	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
D2001	8-719-036-58	DIODE	MA3030-H(TX)			R035	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
D2007	8-719-027-81	DIODE	MA3027H-TX			R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W
		<IC>				R049	1-216-049-00	METAL GLAZE	1K	5%	1/10W
IC001	8-759-168-52	IC	SDA30C162-GEG			R050	1-216-073-00	METAL GLAZE	10K	5%	1/10W
IC002	8-759-278-59	IC	TMS27PC010A15FMAE250								
	1-750-797-11	SOCKET, PLCC;	IC002								
IC2002	8-759-262-58	IC	SDA5273P-C22-GEG								
IC2003	8-759-188-60	IC	MB81C4256A-70PSZG								
		<JUMPER RESISTOR>				R067	1-216-043-00	METAL GLAZE	560	5%	1/10W
JR2002	1-216-295-00	METAL GLAZE	0	5%	1/10W	R068	1-216-043-00	METAL GLAZE	560	5%	1/10W
		<COIL>				R069	1-216-037-00	METAL GLAZE	330	5%	1/10W
L001	1-408-421-00	INDUCTOR	100UH			R081	1-216-049-00	METAL GLAZE	1K	5%	1/10W
L2001	1-410-674-31	INDUCTOR	82UH			R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W
L2002	1-410-397-21	FERRITE BEAD	INDUCTOR	1.1UH		R083	1-216-049-00	METAL GLAZE	1K	5%	1/10W
		<TRANSISTOR>				R084	1-216-049-00	METAL GLAZE	1K	5%	1/10W
Q002	8-729-216-22	TRANSISTOR	2SA1162-G			R2001	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
Q2002	8-729-920-74	TRANSISTOR	2SC2412K-QR			R2003	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
Q2004	8-729-901-00	TRANSISTOR	DTC124EK			R2004	1-216-023-00	METAL GLAZE	82	5%	1/10W
Q2005	8-729-920-74	TRANSISTOR	2SC2412K-QR								
Q2006	8-729-901-01	TRANSISTOR	DTC144EK								
Q2008	8-729-901-00	TRANSISTOR	DTC124EK			R2005	1-216-041-00	METAL GLAZE	470	5%	1/10W
		<RESISTOR>				R2007	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R001	1-216-025-00	METAL GLAZE	100	5%	1/10W	R2008	1-216-025-00	METAL GLAZE	100	5%	1/10W
R002	1-216-025-00	METAL GLAZE	100	5%	1/10W	R2009	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R003	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R2010	1-216-025-00	METAL GLAZE	100	5%	1/10W
R004	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R2011	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R005	1-216-295-00	METAL GLAZE	0	5%	1/10W	R2012	1-216-017-00	METAL GLAZE	47	5%	1/10W
R007	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R2013	1-216-017-00	METAL GLAZE	47	5%	1/10W
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R2014	1-216-017-00	METAL GLAZE	47	5%	1/10W
		<CRYSTAL>				R2015	1-216-295-00	METAL GLAZE	0	5%	1/10W
						R2022	1-216-049-00	METAL GLAZE	1K	5%	1/10W
						R2023	1-216-295-00	METAL GLAZE	0	5%	1/10W
						R2024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
						R2025	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
						R2026	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
						R2028	1-216-033-00	METAL GLAZE	220	5%	1/10W
						R2030	1-216-025-00	METAL GLAZE	100	5%	1/10W
						R2031	1-216-033-00	METAL GLAZE	220	5%	1/10W
						R2032	1-216-049-00	METAL GLAZE	1K	5%	1/10W
						R2036	1-216-049-00	METAL GLAZE	1K	5%	1/10W
						R2037	1-216-049-00	METAL GLAZE	1K	5%	1/10W
X2001	1-579-965-21	VIBRATOR, CRYSTAL									

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK	
*****								
*A-1636-004-A	G BOARD, COMPLETE			D605	8-719-901-33	DIODE ISS133		
	*****			D606	8-719-110-49	DIODE RD18ESB2		
	<CAPACITOR>			D607	8-719-979-58	DIODE EGP10D		
C601	1-136-165-00	FILM	0.1MF	5%	50V	D608	8-719-110-49	DIODE RD18ESB2
C603	1-164-644-11	CERAMIC	330PF	10%	500V	D610	8-719-983-38	DIODE MTZJ-T-77-36B
C604	1-164-644-11	CERAMIC	330PF	10%	500V	D611	8-719-979-58	DIODE EGP10D
C605	1-136-481-11	FILM	0.0022MF	2%	50V	D612	8-719-914-43	DIODE DAN202K
C607	1-124-927-11	ELECT	4.7MF	20%	50V	D613	8-719-914-43	DIODE DAN202K
C608	1-126-337-11	ELECT	22MF	20%	50V	D614	8-719-510-48	DIODE DIN20R
C609	1-127-530-11	ELECT (SOLID)	22MF	20%	20V	D615	8-719-914-43	DIODE DAN202K
C610	1-137-479-11	FILM	1MF	10%	400V	D616	8-719-510-48	DIODE DIN20R
C611	1-130-777-00	FILM	0.1MF	5%	63V	D651	8-719-047-31	DIODE RBA-402L
C612	1-124-903-11	ELECT	1MF	20%	50V	D653	8-719-312-47	DIODE RBA-406B
						D654	4-382-854-11	SCREW (M3X10), P, SW (+); D653
C613	1-124-907-11	ELECT	10MF	20%	50V	D655	8-719-047-31	DIODE RBA-402L
C615	1-126-337-11	ELECT	22MF	20%	50V	D657	8-719-914-43	DIODE DAN202K
C616	1-164-493-11	CERAMIC CHIP	0.047MF	10%	50V	D658	8-719-510-48	DIODE DIN20R
C617	1-164-493-11	CERAMIC CHIP	0.047MF	10%	50V	D661	8-719-901-33	DIODE ISS133
C641	1-106-367-00	MYLAR	0.01MF	10%	400V	D662	8-719-914-43	DIODE DAN202K
C650	1-124-618-11	ELECT	2200MF	20%	35V	D663	8-719-510-53	DIODE D4SB60L
C651	1-124-618-11	ELECT	2200MF	20%	35V	D664	8-719-109-89	DIODE RD5.6ESB2
C654	1-107-892-91	ELECT	4700MF	20%	25V	D670	8-719-979-58	DIODE EGP10D
C655	1-107-880-91	ELECT	4700MF	20%	10V			
C656	1-164-644-11	CERAMIC	330PF	10%	500V			
C657	1-107-995-11	ELECT	100MF	0	160V			
C658	1-124-917-11	ELECT	33MF	20%	50V			
C659	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V			
C661	$\Delta$ 1-136-527-12	FILM	0.47MF	20%	300V			
C662	$\Delta$ 1-136-415-51	FILM	0.33MF	20%	300V			
C663	1-106-343-00	MYLAR	0.001MF	10%	100V	IC601	8-759-266-38	IC MC34025P
C664	1-102-002-00	CERAMIC	680PF	10%	500V	IC602	8-759-185-47	IC IR2112
C666	1-124-479-11	ELECT	330MF	20%	25V	IC603	8-749-923-44	IC SFH617G-1
C667	1-126-337-11	ELECT	22MF	20%	50V	IC604	8-759-908-15	IC TL431CLP
C668	1-124-122-11	ELECT	100MF	20%	50V	IC605	8-759-013-10	IC MC7815CT
C670	1-137-218-11	FILM	0.012MF	5%	0	IC610	$\Delta$ 1-810-051-11	POWER MODULE DM-48
C671	1-137-218-11	FILM	0.012MF	5%	0			
C672	$\Delta$ 1-162-599-12	CERAMIC	0.0047MF		250V			
C673	$\Delta$ 1-162-599-12	CERAMIC	0.0047MF		250V			
C674	1-125-555-11	ELECT	330MF	20%	400V			
C675	1-124-910-11	ELECT	47MF	20%	50V			
C676	1-162-599-12	CERAMIC	0.0047MF		250V			
C678	$\Delta$ 1-161-742-00	CERAMIC	0.0022MF	20%	400V			
C680	$\Delta$ 1-161-742-00	CERAMIC	0.0022MF	20%	400V			
C681	1-126-337-11	ELECT	22MF	20%	50V			
C682	1-124-120-11	ELECT	220MF	20%	25V			
<CONNECTOR>								
CN0005	1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P						
CN0006	1-695-915-11	TAB (CONTACT)						
CN0007	1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P						
CN0905	1-568-882-51	PIN, CONNECTOR 7P						
CN0931	$\Delta$ 1-691-291-11	PIN, CONNECTOR (PC BOARD) 5P						
CN0947	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P						
<DIODE>								
D602	8-719-979-58	DIODE EGP10D						
D603	8-719-110-49	DIODE RD18ESB2						
D604	8-719-110-49	DIODE RD18ESB2						
<FERRITE BEAD>								
FB603	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH						
FB604	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH						
FB605	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH						
FB654	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH						
FB655	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH						
<IC>								
IC601	8-759-266-38	IC MC34025P						
IC602	8-759-185-47	IC IR2112						
IC603	8-749-923-44	IC SFH617G-1						
IC604	8-759-908-15	IC TL431CLP						
IC605	8-759-013-10	IC MC7815CT						
IC610	$\Delta$ 1-810-051-11	POWER MODULE DM-48						
<JUMPER RESISTOR>								
JR651	1-216-296-91	METAL GLAZE 0 5% 1/8W						
JR652	1-216-296-91	METAL GLAZE 0 5% 1/8W						
<COIL>								
L601	1-412-525-21	INDUCTOR 10UH						
L602	1-412-525-21	INDUCTOR 10UH						
L603	1-412-525-21	INDUCTOR 10UH						
L604	1-412-525-21	INDUCTOR 10UH						
L650	1-412-525-21	INDUCTOR 10UH						
L651	$\Delta$ 1-412-525-21	INDUCTOR 10UH						
<LINE FILTER>								
LF661	1-424-436-11	TRANSFORMER, LINE FILTER						
<IC LINK>								
PS601	$\Delta$ 1-532-686-91	LINK, IC 2.7A						
PS602	$\Delta$ 1-532-686-91	LINK, IC 2.7A						
PS603	$\Delta$ 1-532-686-91	LINK, IC 2.7A						

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**G** **C**

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK				
<b>&lt;TRANSISTOR&gt;</b>											
Q601	8-729-216-22	TRANSISTOR 2SA1162-G		R670	$\Delta$ 1-205-998-11	WIREWOUND	1 5% 10W				
Q602	8-729-025-19	TRANSISTOR IRF1740G		R671	$\Delta$ 1-214-937-00	CARBON	1M 5% 1/2W				
Q603	4-382-854-11	SCREW (M3X10), P, SW (+); IC602		R673	1-215-429-00	METAL	2.2K 1% 1/4W				
Q603	8-729-025-19	TRANSISTOR IRF1740G		R678	1-249-417-11	CARBON	1K 5% 1/4W F				
	4-382-854-11	SCREW (M3X10), P, SW (+); IC603		R679	1-216-198-91	METAL GLAZE	1K 5% 1/8W				
Q604	8-729-920-74	TRANSISTOR 2SC2412K-QR		R680	1-249-417-11	CARBON	1K 5% 1/4W F				
Q605	8-729-216-22	TRANSISTOR 2SA1162-G		R681	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W				
Q606	8-729-920-74	TRANSISTOR 2SC2412K-QR		R682	1-216-089-91	METAL GLAZE	47K 5% 1/10W				
Q607	8-729-920-74	TRANSISTOR 2SC2412K-QR		R683	1-216-049-00	METAL GLAZE	1K 5% 1/10W				
Q608	8-729-920-74	TRANSISTOR 2SC2412K-QR		R684	1-216-073-00	METAL GLAZE	10K 5% 1/10W				
Q610	8-729-216-22	TRANSISTOR 2SA1162-G		R685	1-249-417-11	CARBON	1K 5% 1/4W F				
Q652	8-729-920-74	TRANSISTOR 2SC2412K-QR		R686	1-216-352-11	METAL OXIDE	1.8 5% 1W				
Q653	8-729-216-22	TRANSISTOR 2SA1162-G		R687	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W				
Q661	8-729-920-74	TRANSISTOR 2SC2412K-QR		R688	1-216-105-00	METAL GLAZE	220K 5% 1/10W				
				R689	1-216-049-00	METAL GLAZE	1K 5% 1/10W				
				R690	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W				
				R691	1-249-419-11	CARBON	1.5K 5% 1/4W F				
<b>&lt;RESISTOR&gt;</b>											
R601	1-216-444-11	METAL OXIDE	82K 5% 1W F	<b>&lt;RELAY&gt;</b>							
R602	1-216-444-11	METAL OXIDE	82K 5% 1W F	RY661	$\Delta$ 1-515-720-31	RELAY					
R603	1-216-444-11	METAL OXIDE	82K 5% 1W F	<b>&lt;TRANSFORMER&gt;</b>							
R604	1-216-660-11	METAL CHIP	2.4K 0.50% 1/10W	T650	$\Delta$ 1-426-863-11	TRANSFORMER, CONVERTER (PIT)					
R605	1-216-236-11	METAL GLAZE	39K 5% 1/8W	<b>&lt;THERMISTOR&gt;</b>							
R606	1-216-669-11	METAL CHIP	5.6K 0.50% 1/10W	THP661	$\Delta$ 1-809-827-11	THERMISTOR, POSITIVE					
R607	1-216-073-00	METAL GLAZE	10K 5% 1/10W	*****							
R608	1-249-393-11	CARBON	10 5% 1/4W	*A-1638-044-A	C BOARD, COMPLETE						
R609	1-249-389-11	CARBON	4.7 5% 1/4W F	*****							
R610	1-215-880-00	METAL OXIDE	10 5% 2W F	<b>&lt;CAPACITOR&gt;</b>							
R611	1-249-393-11	CARBON	10 5% 1/4W	C701	1-126-383-11	ELECT	0.33MF 20% 315V				
R612	1-249-389-11	CARBON	4.7 5% 1/4W F	C702	1-126-383-11	ELECT	0.33MF 20% 315V				
R613	1-211-968-11	WIREWOUND	0.56 10% 5W F	C703	1-126-383-11	ELECT	0.33MF 20% 315V				
R614	1-215-880-00	METAL OXIDE	10 5% 2W F	C704	1-102-129-00	CERAMIC	0.01MF 10% 50V				
R616	1-216-222-00	METAL GLAZE	10K 5% 1/8W	C705	1-124-120-11	ELECT	220MF 20% 16V				
R617	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W	C706	1-124-120-11	ELECT	220MF 20% 16V				
R618	1-216-222-00	METAL GLAZE	10K 5% 1/8W	C708	1-124-120-11	ELECT	220MF 20% 16V				
R619	1-216-254-00	METAL GLAZE	220K 5% 1/8W	C709	1-102-157-00	CERAMIC	560PF 10% 500V				
R620	1-216-198-91	METAL GLAZE	1K 5% 1/8W	C710	1-102-157-00	CERAMIC	560PF 10% 500V				
R621	1-216-097-00	METAL GLAZE	100K 5% 1/10W	C711	1-102-157-00	CERAMIC	560PF 10% 500V				
R625	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C712	1-124-927-11	ELECT	4.7MF 20% 50V				
R626	1-216-186-00	METAL GLAZE	330 5% 1/8W	C713	1-162-116-00	CERAMIC	680PF 10% 2KV				
R628	1-249-441-11	CARBON	100K 5% 1/4W	C714	1-162-115-00	CERAMIC	330PF 10% 2KV				
R632	1-249-441-11	CARBON	100K 5% 1/4W	C716	1-162-116-00	CERAMIC	680PF 10% 2KV				
R633	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C717	1-102-129-00	CERAMIC	0.01MF 10% 50V				
R634	1-216-186-00	METAL GLAZE	330 5% 1/8W	C718	1-102-129-00	CERAMIC	0.01MF 10% 50V				
R635	1-215-442-00	METAL	7.5K 1% 1/4W	C719	1-164-346-11	CERAMIC CHIP	1MF 10% 16V				
R636	1-215-431-00	METAL	2.7K 1% 1/4W	C720	1-126-326-51	ELECT	10MF 20% 250V				
R637	1-247-807-31	CARBON	100 5% 1/4W								
R638	1-216-073-00	METAL GLAZE	10K 5% 1/10W								
R639	1-216-089-91	METAL GLAZE	47K 5% 1/10W								
R640	1-249-417-11	CARBON	1K 5% 1/4W F								
R641	1-247-903-00	CARBON	1M 5% 1/4W								
R642	1-247-903-00	CARBON	1M 5% 1/4W								
R643	1-216-691-11	METAL CHIP	47K 0.50% 1/10W								
R651	1-215-880-00	METAL OXIDE	10 5% 2W F								
R658	1-249-415-11	CARBON	680 5% 1/4W								
R660	1-207-905-00	WIREWOUND	0.27 10% 2W F								
R662	1-249-427-11	CARBON	6.8K 5% 1/4W								
R663	1-249-424-11	CARBON	3.9K 5% 1/4W F								
<b>&lt;CONNECTOR&gt;</b>											
R664	$\Delta$ 1-205-998-11	WIREWOUND	1 5% 10W	CN0004	1-695-915-11	TAB (CONTACT)					
R665	$\Delta$ 1-218-265-11	METAL GLAZE	8.2M 5% 1W	CN0403*	1-564-513-11	PLUG, CONNECTOR 10P					
R667	1-249-430-11	CARBON	12K 5% 1/4W	CN0421*	1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P					
R668	1-249-436-11	CARBON	39K 5% 1/4W								
R669	$\Delta$ 1-205-998-11	WIREWOUND	1 5% 10W								

The components identified by shading and mark **Δ** are critical for safety.  
Replace only with part number specified.

Les composants identifiés par une hachure et une marque **Δ** sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK				
<DIODE>											
D701	8-719-901-33	DIODE 1SS133		R718	1-249-417-11	CARBON	1K 5% 1/4W				
D702	8-719-901-83	DIODE 1SS83		R719	1-249-417-11	CARBON	1K 5% 1/4W				
D703	8-719-901-83	DIODE 1SS83		R720	1-215-926-00	METAL OXIDE	33K 5% 3W F				
D704	8-719-901-83	DIODE 1SS83		R721	1-215-926-00	METAL OXIDE	33K 5% 3W F				
D705	8-719-901-33	DIODE 1SS133		R722	1-215-926-00	METAL OXIDE	33K 5% 3W F				
D706	8-719-901-33	DIODE 1SS133		R723	1-249-408-11	CARBON	180 5% 1/4W				
D707	8-719-901-33	DIODE 1SS133		R724	1-249-408-11	CARBON	180 5% 1/4W				
D710	8-719-901-33	DIODE 1SS133		R725	1-249-408-11	CARBON	180 5% 1/4W				
D712	8-719-921-69	DIODE NTZJ-9.1		R726	1-202-565-81	SOLID	470 20% 1/2W				
D714	8-719-921-88	DIODE MTZJ-13B		R727	1-202-565-81	SOLID	470 20% 1/2W				
D715	8-719-911-19	DIODE 1SS119		R728	1-202-565-81	SOLID	470 20% 1/2W				
D716	8-719-911-19	DIODE 1SS119		R729	1-249-424-11	CARBON	3.9K 5% 1/4W				
D717	8-719-911-19	DIODE 1SS119		R730	1-249-424-11	CARBON	3.9K 5% 1/4W				
<IC>											
IC703	8-759-073-90	IC TDA6111Q		R731	1-249-424-11	CARBON	3.9K 5% 1/4W				
	4-382-854-11	SCREW (M3X10), P, SW (+); IC703		R732	1-202-549-00	SOLID	100 20% 1/2W				
IC704	8-759-073-90	IC TDA6111Q		R733	1-216-081-00	METAL GLAZE	22K 5% 1/10W				
	4-382-854-11	SCREW (M3X10), P, SW (+); IC704		R734	1-202-549-00	SOLID	100 20% 1/2W				
IC705	8-759-073-90	IC TDA6111Q		R735	1-216-047-00	METAL GLAZE	820 5% 1/10W				
	4-382-854-11	SCREW (M3X10), P, SW (+); IC705		R741	1-202-884-11	SOLID	820K 20% 1/2W				
				R743	1-202-884-11	SOLID	820K 20% 1/2W				
				R744	1-202-842-11	SOLID	220K 20% 1/2W				
				R750	1-216-073-00	METAL GLAZE	10K 5% 1/10W				
				R751	1-216-091-00	METAL GLAZE	56K 5% 1/10W				
				R752	1-249-417-11	CARBON	1K 5% 1/4W F				
				R753	1-215-911-11	METAL OXIDE	100 5% 3W F				
<SOCKET>											
J701 Δ 1-526-990-13 SOCKET, PICTURE TUBE											
<COIL>											
L701	1-410-671-31	INDUCTOR	47UH	<VARIABLE RESISTOR>							
L704	1-408-405-00	INDUCTOR	4.7UH	RV701	1-230-641-11	RES, ADJ, METAL GLAZE	2.2M				
L705	1-408-405-00	INDUCTOR	4.7UH	RV704	1-241-656-11	RES, ADJ, METAL FILM	110M				
L706	1-408-405-00	INDUCTOR	4.7UH	*****							
<TRANSISTOR>											
Q701	8-729-255-12	TRANSISTOR 2SC2551-0		*A-1640-125-A	D6 BOARD, COMPLETE						
Q702	8-729-255-12	TRANSISTOR 2SC2551-0		*****							
Q703	8-729-255-12	TRANSISTOR 2SC2551-0		<CAPACITOR>							
Q704	8-729-216-22	TRANSISTOR 2SA1162-G		C2541	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V				
Q705	8-729-901-06	TRANSISTOR DT144EK		C2542	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V				
Q706	8-729-920-74	TRANSISTOR 2SC2412K-QR		C2543	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V				
<RESISTOR>				C2544	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V				
R701	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W	C2545	1-164-222-11	CERAMIC CHIP 0.22MF	25V				
R702	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	C2546	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V				
R703	1-249-435-11	CARBON	33K 5% 1/4W	C2547	1-163-020-00	CERAMIC CHIP 0.0082MF	10% 50V				
R704	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W	C2548	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V				
R705	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	C2549	1-163-989-11	CERAMIC CHIP 0.033MF	10% 25V				
R706	1-249-433-11	CARBON	22K 5% 1/4W	C2550	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V				
R707	1-249-433-11	CARBON	22K 5% 1/4W	C2551	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V				
R708	1-249-433-11	CARBON	22K 5% 1/4W	C2554	1-163-011-11	CERAMIC CHIP 0.0015MF	10% 50V				
R709	1-249-416-11	CARBON	820 5% 1/4W	C2560	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V				
R710	1-216-047-00	METAL GLAZE	820 5% 1/10W	C2563	1-163-031-11	CERAMIC CHIP 0.01MF	50V				
R711	1-216-047-00	METAL GLAZE	820 5% 1/10W	C2564	1-163-031-11	CERAMIC CHIP 0.01MF	50V				
R712	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	C2565	1-163-031-11	CERAMIC CHIP 0.01MF	50V				
R713	1-249-417-11	CARBON	1K 5% 1/4W	C2566	1-163-031-11	CERAMIC CHIP 0.01MF	50V				
R714	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C2567	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V				
R715	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C2568	1-163-009-11	CERAMIC CHIP 0.001MF	10% 50V				
R716	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C2569	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V				
R717	1-249-417-11	CARBON	1K 5% 1/4W	C2570	1-164-336-11	CERAMIC CHIP 0.33MF	25V				
				C2573	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V				
				C2583	1-124-477-11	ELECT 47MF	20% 25V				
				C2590	1-163-038-00	CERAMIC CHIP 0.1MF	25V				
				C2591	1-163-989-11	CERAMIC CHIP 0.033MF	10% 25V				
				C2592	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V				

D6

D7

D

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK		
C2599	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	R2587	1-208-812-11	METAL CHIP	18K 0.50% 1/10W	
		<CONNECTOR>		R2589	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W		
CN2044*1-573-299-11	CONNECTOR, BOARD TO BOARD 10P			R2591	1-216-089-91	METAL GLAZE	47K 5% 1/10W		
CN2050*1-568-881-51	PIN, CONNECTOR 6P			R2592	1-216-089-91	METAL GLAZE	47K 5% 1/10W		
		<DIODE>		R2593	1-216-081-00	METAL GLAZE	22K 5% 1/10W		
D2551	8-719-914-44	DIODE DAP202K		R2594	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W		
		<IC>		R2595	1-216-097-00	METAL GLAZE	100K 5% 1/10W		
IC2561	8-752-347-92	IC CXD2018Q		R2596	1-216-103-91	METAL GLAZE	180K 5% 1/10W		
IC2562	8-759-998-98	IC LM358D		R2597	1-216-073-00	METAL GLAZE	10K 5% 1/10W		
IC2563	8-759-708-05	IC NJM78L05A		R2599	1-216-049-00	METAL GLAZE	1K 5% 1/10W		
IC2581	8-759-998-98	IC LM358D		R2600	1-216-089-91	METAL GLAZE	47K 5% 1/10W		
		<JUMPER RESISTOR>		R2601	1-216-073-00	METAL GLAZE	10K 5% 1/10W		
JR2553	1-216-295-00	METAL GLAZE	0	5%	1/10W	R2602	1-216-105-00	METAL GLAZE	220K 5% 1/10W
JR2554	1-216-295-00	METAL GLAZE	0	5%	1/10W			*****	
L2561	1-408-409-00	INDUCTOR	10UH						
L2562	1-408-409-00	INDUCTOR	10UH						
		<COIL>							
L2561	1-408-409-00	INDUCTOR	10UH						
		<TRANSISTOR>							
Q2565	8-729-920-74	TRANSISTOR 2SC2412K-QR							
Q2566	8-729-920-74	TRANSISTOR 2SC2412K-QR							
Q2590	8-729-216-22	TRANSISTOR 2SA1162-G							
		<RESISTOR>							
R2540	1-216-085-00	METAL GLAZE	33K	5%	1/10W				
R2541	1-216-049-00	METAL GLAZE	1K	5%	1/10W				
R2542	1-216-025-00	METAL GLAZE	100	5%	1/10W				
R2543	1-216-025-00	METAL GLAZE	100	5%	1/10W				
R2544	1-216-085-00	METAL GLAZE	33K	5%	1/10W				
R2547	1-216-657-11	METAL CHIP	1.8K	0.50%	1/10W				
R2548	1-216-295-00	METAL GLAZE	0	5%	1/10W				
R2549	1-216-079-00	METAL GLAZE	18K	5%	1/10W				
R2550	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W				
R2551	1-216-049-00	METAL GLAZE	1K	5%	1/10W				
R2552	1-216-097-00	METAL GLAZE	100K	5%	1/10W				
R2553	1-216-085-00	METAL GLAZE	33K	5%	1/10W				
R2554	1-216-049-00	METAL GLAZE	1K	5%	1/10W				
R2555	1-216-025-00	METAL GLAZE	100	5%	1/10W				
R2561	1-216-295-00	METAL GLAZE	0	5%	1/10W				
R2564	1-216-091-00	METAL GLAZE	56K	5%	1/10W				
R2565	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W				
R2566	1-216-073-00	METAL GLAZE	10K	5%	1/10W				
R2567	1-216-085-00	METAL GLAZE	33K	5%	1/10W				
R2568	1-216-109-00	METAL GLAZE	330K	5%	1/10W				
R2575	1-216-075-00	METAL GLAZE	12K	5%	1/10W				
R2576	1-216-049-00	METAL GLAZE	1K	5%	1/10W				
R2581	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W				
R2582	1-216-665-11	METAL CHIP	3.9K	0.50%	1/10W				
R2583	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W				
R2584	1-216-675-11	METAL CHIP	10K	0.50%	1/10W				
R2585	1-216-675-11	METAL CHIP	10K	0.50%	1/10W				
R2586	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W				
		<CONNECTOR>							
		<DIODE>							
D2701	8-719-914-44	DIODE DAP202K							
		<IC>							
IC2701	8-759-603-37	IC M5216P							
IC2702	8-759-701-59	IC NJM78M09FA							
		<JUMPER RESISTOR>							
JR2751	1-216-296-91	METAL GLAZE	0	5%	1/8W				
		<TRANSISTOR>							
Q2701	8-729-920-74	TRANSISTOR 2SC2412K-QR							
		<RESISTOR>							
R2701	1-216-081-00	METAL GLAZE	22K	5%	1/10W				
R2702	1-216-081-00	METAL GLAZE	22K	5%	1/10W				
R2703	1-216-081-00	METAL GLAZE	22K	5%	1/10W				
R2704	1-216-081-00	METAL GLAZE	22K	5%	1/10W				
R2705	1-216-073-00	METAL GLAZE	10K	5%	1/10W				
R2706	1-216-073-00	METAL GLAZE	10K	5%	1/10W				
R2707	1-216-295-00	METAL GLAZE	0	5%	1/10W				
R2708	1-216-073-00	METAL GLAZE	10K	5%	1/10W				
		*****							
		*A-1642-110-A D BOARD, COMPLETE							
		*****							
		<CAPACITOR>							

## D

REF.NO.	PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION		REMARK		
C801	1-124-347-00	ELECT	100MF	20%	160V	C2507	1-124-903-11	ELECT	1MF	20%	50V
C802	1-136-207-11	FILM	0.047MF	10%	250V	C2508	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C803	1-102-212-00	CERAMIC	820PF	10%	500V	C2509	1-124-903-11	ELECT	1MF	20%	50V
C804	1-163-001-11	CERAMIC CHIP	220PF	10%	50V	C2511	1-163-002-11	CERAMIC CHIP	270PF	10%	50V
C807	1-162-115-00	CERAMIC	330PF	10%	2KV	C2520	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C808	1-162-116-00	CERAMIC	680PF	10%	2KV	C2521	1-124-927-11	ELECT	4.7MF	20%	50V
C809	1-162-116-00	CERAMIC	680PF	10%	2KV	C2522	1-124-927-11	ELECT	4.7MF	20%	50V
C810	1-137-102-11	FILM	0.022MF	10%	250V	C2523	1-124-910-11	ELECT	47MF	20%	50V
C811	1-109-948-11	CAP, FILM	15000PF			C2528	1-164-695-11	CERAMIC CHIP	0.0022MF	5%	50V
C812	1-136-315-61	FILM	0.047MF	5%	630V						
C813	0-551-837-00	CAP, PP FILM									
C814	1-129-702-00	FILM	0.001MF	10%	400V						
C815	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V	CN0005	1-695-915-11	TAB (CONTACT)			
C816	0-551-837-00	CAP, PP FILM				CN0009*	1-564-506-11	PLUG, CONNECTOR 3P			
C819	1-136-189-00	FILM	0.1MF	10%	250V	CN0502*	1-564-506-11	PLUG, CONNECTOR 3P			
C820	1-124-927-11	ELECT	4.7MF	20%	50V	CN0504	1-564-511-11	PLUG, CONNECTOR 8P			
C821	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	CN0521*	1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P			
C822	1-124-910-11	ELECT	47MF	20%	50V	CN0523	1-573-296-11	CONNECTOR, BOARD TO BOARD 10P			
C823	1-137-370-11	FILM	0.01MF	5%	50V	CN0544	1-573-296-11	CONNECTOR, BOARD TO BOARD 10P			
C824	1-162-117-00	CERAMIC	100PF	10%	500V	CN0546*	1-564-514-11	PLUG, CONNECTOR 11P			
C825	1-124-790-11	ELECT	0.47MF	20%	100V	CN0547	1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P			
C826	1-124-910-11	ELECT	47MF	20%	50V						
C833	1-130-471-00	FILM	0.001MF	5%	50V						
C834	1-162-114-00	CERAMIC	0.0047MF								
C835	1-123-950-00	ELECT	47MF	20%	250V						
C836	1-102-228-00	CERAMIC	470PF	10%	500V	D802	8-719-979-99	DIODE ERD08M-15			
C837	1-102-228-00	CERAMIC	470PF	10%	500V	D803	8-719-043-14	DIODE ESAD39M-06C			
C838	1-102-228-00	CERAMIC	470PF	10%	500V	D804	4-382-854-11	SCREW (M3X10), P, SW (+); D803			
C839	1-124-480-11	ELECT	470MF	20%	25V	D804	8-719-971-20	DIODE ERC38-06			
C840	1-124-480-11	ELECT	470MF	20%	25V	D805	8-719-908-03	DIODE GPO8D			
C841	1-106-375-12	MYLAR	0.022MF	10%	250V	D806	8-719-908-03	DIODE GPO8D			
C842	1-136-559-11	MYLAR	0.0047MF	10%	400V	D807	8-719-914-43	DIODE DAN202K			
C845	1-106-220-00	MYLAR	0.1MF	10%	100V	D808	8-719-914-44	DIODE DAP202K			
C855	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	D810	8-719-018-82	DIODE RGP02-20EL-6394			
C860	1-137-370-11	FILM	0.01MF	5%	50V	D811	8-719-302-43	DIODE EL1Z			
C861	1-130-471-00	FILM	0.001MF	5%	50V	D812	8-719-302-43	DIODE EL1Z			
C862	1-124-907-11	ELECT	10MF	20%	50V	D813	8-719-302-43	DIODE EL1Z			
C863	1-163-077-00	CERAMIC CHIP	0.1MF	10%	25V	D814	8-719-979-85	DIODE EGP20G			
C871	1-130-777-00	FILM	0.1MF	5%	63V	D819	8-719-914-43	DIODE DAN202K			
C872	1-163-075-00	CERAMIC CHIP	0.047MF	10%	25V	D860	8-719-914-44	DIODE DAP202K			
C873	1-162-115-00	CERAMIC	330PF	10%	2KV	D861	8-719-914-42	DIODE DA204K			
C874	1-164-625-11	CERAMIC	680PF	10%	500V	D862	8-719-914-43	DIODE DAN202K			
C890	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V	D863	8-719-914-43	DIODE DAN202K			
C891	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V	D871	8-719-914-44	DIODE DAP202K			
C1501	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V	D1501	8-719-914-43	DIODE DAN202K			
C1502	1-124-903-11	ELECT	1MF	20%	50V	D1502	8-719-982-03	DIODE MTZJ-3.6A			
C1503	1-124-907-11	ELECT	10MF	20%	50V	D1503	8-719-908-03	DIODE GPO8D			
C1504	1-124-122-11	ELECT	100MF	20%	50V	D2501	8-719-914-44	DIODE DAP202K			
C1505	1-137-371-11	FILM	0.015MF	5%	50V	D2502	8-719-109-85	DIODE RD5.1ESB2			
C1506	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	D2503	8-719-908-03	DIODE GPO8D			
C1507	1-106-383-00	MYLAR	0.047MF	10%	100V	D2507	8-719-914-44	DIODE DAP202K			
C1508	1-137-423-11	MYLAR	0.15MF	10%	100V	D2508	8-719-914-43	DIODE DAN202K			
C1510	1-136-110-00	FILM	0.91MF	5%	200V						
C1511	1-124-480-11	ELECT	470MF	20%	25V						
C1512	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V						
C1513	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	DY1	*1-568-536-11	<PLUG>			
C1514	1-124-480-11	ELECT	470MF	20%	25V						
C1516	1-124-006-11	ELECT	10MF	20%	25V						
C2502	1-163-117-00	CERAMIC CHIP	100PF	5%	50V						
C2503	1-163-139-00	CERAMIC CHIP	820PF	5%	50V	IC801	8-759-103-93	<IC>			
C2504	1-124-120-11	ELECT	220MF	20%	16V	IC1501	8-759-192-71	IC UPC393C			
C2505	1-163-001-11	CERAMIC CHIP	220PF	10%	50V	4-202-373-01	SPRING, IC; IC1501				
C2506	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V	4-812-134-00	RIVET NYLON, 3.5; IC1501				
						IC2501	8-759-076-84	IC LA7851MK			

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<JUMPER RESISTOR>							
JR1	1-216-295-00	METAL GLAZE	0 5% 1/10W	R801	1-249-399-11	CARBON	33 5% 1/4W F
JR2	1-216-295-00	METAL GLAZE	0 5% 1/10W	R802	1-215-914-11	METAL OXIDE	330 5% 3W F
JR3	1-216-295-00	METAL GLAZE	0 5% 1/10W	R803	1-215-914-11	METAL OXIDE	330 5% 3W F
JR4	1-216-295-00	METAL GLAZE	0 5% 1/10W	R804	1-215-914-11	METAL OXIDE	330 5% 3W F
JR6	1-216-295-00	METAL GLAZE	0 5% 1/10W	R805	1-216-485-11	METAL OXIDE	5.6K 5% 3W F
JR7	1-216-295-00	METAL GLAZE	0 5% 1/10W	R806	1-249-411-11	CARBON	330 5% 1/4W
JR8	1-216-295-00	METAL GLAZE	0 5% 1/10W	R807	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
JR9	1-216-295-00	METAL GLAZE	0 5% 1/10W	R809	1-215-880-00	METAL OXIDE	10 5% 2W F
JR10	1-216-295-00	METAL GLAZE	0 5% 1/10W	R810	1-215-914-11	METAL OXIDE	330 5% 3W F
JR11	1-216-295-00	METAL GLAZE	0 5% 1/10W	R812	1-216-400-71	METAL OXIDE	8.2 5% 3W F
JR12	1-216-295-00	METAL GLAZE	0 5% 1/10W	R813	1-216-400-71	METAL OXIDE	8.2 5% 3W F
JR13	1-216-295-00	METAL GLAZE	0 5% 1/10W	R814	1-216-400-71	METAL OXIDE	8.2 5% 3W F
JR14	1-216-295-00	METAL GLAZE	0 5% 1/10W	R815	1-216-434-11	METAL OXIDE	1.8K 5% 1W F
JR501	1-216-296-91	METAL GLAZE	0 5% 1/8W	R816	1-249-377-11	CARBON	0.47 5% 1/4W F
JR502	1-216-296-91	METAL GLAZE	0 5% 1/8W	R817	1-249-377-11	CARBON	0.47 5% 1/4W F
JR503	1-216-296-91	METAL GLAZE	0 5% 1/8W	R818	1-249-377-11	CARBON	0.47 5% 1/4W F
JR504	1-216-296-91	METAL GLAZE	0 5% 1/8W	R819	1-249-377-11	CARBON	0.47 5% 1/4W F
JR505	1-216-296-91	METAL GLAZE	0 5% 1/8W	R820	1-214-907-00	METAL	56K 1% 1/2W
JR506	1-216-296-91	METAL GLAZE	0 5% 1/8W	R821	1-249-428-11	CARBON	8.2K 5% 1/4W
JR507	1-216-296-91	METAL GLAZE	0 5% 1/8W	R822	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR508	1-216-296-91	METAL GLAZE	0 5% 1/8W	R826	1-216-121-00	METAL GLAZE	1M 5% 1/10W
JR509	1-216-296-91	METAL GLAZE	0 5% 1/8W	R830	1-211-795-71	FUSIBLE	470 5% 1/4W F
				R831	1-215-915-11	METAL OXIDE	470 5% 3W F
				R833	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
				R834	1-202-842-11	SOLID	220K 20% 1/2W
<COIL>							
L802	1-459-123-00	COIL, DUST CORE(PAC)		R835	1-216-230-00	METAL GLAZE	22K 5% 1/8W
L803	1-459-123-00	COIL, DUST CORE(PAC)		R837	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W
L808	1-412-519-11	INDUCTOR	3.3UH	R838	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
L809	1-412-519-11	INDUCTOR	3.3UH	R839	1-216-214-00	METAL GLAZE	4.7K 5% 1/8W
L810	1-412-519-11	INDUCTOR	3.3UH	R840	1-216-083-00	METAL GLAZE	27K 5% 1/10W
L811	1-459-104-00	COIL, WITH CORE		R841	1-249-423-11	CARBON	3.3K 5% 1/4W
L813	1-459-104-00	COIL, WITH CORE		R842	1-249-399-11	CARBON	33 5% 1/4W F
L814	1-422-613-11	COIL, AIR CORE		R843	1-202-826-00	SOLID	4.7K 10% 1/2W
L816	1-408-947-00	INDUCTOR	2.2MMH	R844	1-215-445-00	METAL	10K 1% 1/4W
L817	1-422-613-11	COIL, AIR CORE		R845	1-216-099-00	METAL GLAZE	120K 5% 1/10W
L818	1-459-123-00	COIL, DUST CORE(PAC)		R847	1-249-416-11	CARBON	820 5% 1/4W
L1503	1-412-524-11	INDUCTOR	8.2UH	R848	1-215-477-00	METAL	220K 1% 1/4W
				R849	1-216-073-00	METAL GLAZE	10K 5% 1/10W
				R850	1-249-409-11	CARBON	220 5% 1/4W
				R851	1-216-374-71	METAL OXIDE	2.7 5% 2W F
<TRANSISTOR>							
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK		R852	1-216-109-00	METAL GLAZE	330K 5% 1/10W
Q802	8-729-821-07	TRANSISTOR 2SC3997CA		R853	1-216-107-00	METAL GLAZE	270K 5% 1/10W
	4-200-399-01	SPACER, IC; Q802		R855	1-216-125-00	METAL GLAZE	1.5M 5% 1/10W
	4-382-854-11	SCREW (M3X10), P, SW (+); Q802		R857	1-216-113-00	METAL GLAZE	470K 5% 1/10W
				R858	1-216-049-00	METAL GLAZE	1K 5% 1/10W
Q803	8-729-017-06	TRANSISTOR 2SC4793		R860	1-216-089-91	METAL GLAZE	47K 5% 1/10W
	4-382-854-11	SCREW (M3X10), P, SW (+); Q803		R861	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q804	8-729-378-84	TRANSISTOR 2SD788-5		R862	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q805	8-729-119-78	TRANSISTOR 2SC2785-HFE		R863	1-216-222-00	METAL GLAZE	10K 5% 1/8W
Q806	8-729-903-29	TRANSISTOR DTA144TK		R864	1-216-081-00	METAL GLAZE	22K 5% 1/10W
Q860	8-729-920-74	TRANSISTOR 2SC2412K-QR		R865	1-216-208-00	METAL GLAZE	2.7K 5% 1/8W
Q861	8-729-216-22	TRANSISTOR 2SA1162-G		R866	1-249-389-11	CARBON	4.7 5% 1/4W F
Q1501	8-729-920-74	TRANSISTOR 2SC2412K-QR		R871	1-216-093-00	METAL GLAZE	68K 5% 1/10W
Q1502	8-729-901-01	TRANSISTOR DTC144EK		R872	1-216-113-00	METAL GLAZE	470K 5% 1/10W
Q1503	8-729-216-22	TRANSISTOR 2SA1162-G		R873	1-216-113-00	METAL GLAZE	470K 5% 1/10W
Q1504	8-729-901-01	TRANSISTOR DTC144EK		R890	1-216-256-00	METAL GLAZE	270K 5% 1/8W
Q1505	8-729-926-79	TRANSISTOR IRFIBC40		R891	1-216-103-91	METAL GLAZE	180K 5% 1/10W
Q2502	8-729-900-51	TRANSISTOR DTA114TK		R892	1-216-113-00	METAL GLAZE	470K 5% 1/10W
				R893	1-216-113-00	METAL GLAZE	470K 5% 1/10W
				R894	1-216-121-00	METAL GLAZE	1M 5% 1/10W
<RESISTOR>							
				R899	1-249-377-11	CARBON	0.47 5% 1/4W F
				R1501	1-216-663-11	METAL CHIP	3.3K 0.50% 1/10W
				R1502	1-216-663-11	METAL CHIP	3.3K 0.50% 1/10W

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D2

Components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

Les composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK				
R1504	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C1856	1-124-907-11	ELECT	10MF 20% 50V				
R1505	1-216-081-00	METAL GLAZE	22K 5% 1/10W	C1857	1-124-360-00	ELECT	1000MF 20% 16V				
R1506	1-216-081-00	METAL GLAZE	22K 5% 1/10W	C1858	1-163-275-11	CERAMIC CHIP	0.001MF 5% 50V				
R1508	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	C1859	1-163-275-11	CERAMIC CHIP	0.001MF 5% 50V				
R1510	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	C1860	1-163-989-11	CERAMIC CHIP	0.033MF 10% 25V				
R1511	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	C1861	1-163-989-11	CERAMIC CHIP	0.033MF 10% 25V				
R1512	1-216-079-00	METAL GLAZE	18K 5% 1/10W	C1862	1-124-657-00	ELECT	10MF 20% 50V				
R1513	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	C1863	1-129-720-00	FILM	0.033MF 5% 630V				
R1514	1-216-049-00	METAL GLAZE	1K 5% 1/10W	C1868	1-162-318-11	CERAMIC	0.001MF 10% 500V				
R1515	1-215-461-00	METAL	47K 1% 1/4W	C1869	1-106-363-00	MYLAR	0.0068MF 10% 400V				
R1516	1-249-385-11	CARBON	2.2 5% 1/4W F	C1892	1-163-989-11	CERAMIC CHIP	0.033MF 10% 25V				
R1517 $\Delta$	1-216-376-00	METAL OXIDE	3.9 5% 2W F	<CONNECTOR>							
R1518 $\Delta$	1-216-392-11	METAL OXIDE	1.8 5% 3W F	CN1823*1-573-299-11	CONNECTOR, BOARD TO BOARD 10P						
R1519 $\Delta$	1-216-475-11	METAL OXIDE	120 5% 3W F	CN1841*1-568-878-51	PIN, CONNECTOR 3P						
R1520	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	<DIODE>							
R1521	1-249-424-11	CARBON	3.9K 5% 1/4W	D1840	8-719-302-43	DIODE EL1Z					
R2501	1-216-081-00	METAL GLAZE	22K 5% 1/10W	D1841	8-719-914-43	DIODE DAN20K					
R2502	1-216-206-00	METAL GLAZE	2.2K 5% 1/8W	D1851	8-719-110-41	DIODE RD15ESB2					
R2503	1-216-075-00	METAL GLAZE	12K 5% 1/10W	D1852	8-719-110-41	DIODE RD15ESB2					
R2504	1-216-674-11	METAL CHIP	9.1K 0.50% 1/10W	D1853	8-719-914-42	DIODE DA204K					
R2505	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W	D1856	8-719-914-43	DIODE DAN20K					
R2506	1-216-675-11	METAL CHIP	10K 0.50% 1/10W	D1867	8-719-302-43	DIODE EL1Z					
R2507	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	D1868	8-719-302-43	DIODE EL1Z					
R2508	1-216-678-11	METAL CHIP	13K 0.50% 1/10W	D1882	8-719-109-89	DIODE RD5.6ESB2					
R2509	1-216-687-11	METAL CHIP	33K 0.50% 1/10W	D1883	8-719-109-89	DIODE RD5.6ESB2					
R2510	1-216-675-11	METAL CHIP	10K 0.50% 1/10W	<IC>							
R2511	1-216-675-11	METAL CHIP	10K 0.50% 1/10W	IC1851	8-759-708-05	IC NJM78L05A					
R2512	1-216-079-00	METAL GLAZE	18K 5% 1/10W	IC1852	8-759-145-58	IC UPC4558C					
R2513	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	IC1853	8-759-902-21	IC SN74LS221N					
R2514	1-216-083-00	METAL GLAZE	27K 5% 1/10W	<JUMPER RESISTOR>							
<VARIABLE RESISTOR>						JR1851	1-216-295-00	METAL GLAZE	0	5%	1/10W
RV1501	1-241-786-11	RES, ADJ, CARBON 22K		<COIL>							
RV2501	1-241-763-11	RES, ADJ, CERMET 4.7K		L1841	1-459-075-00	COIL, DYNAMIC CONVERSION CHOKE					
<TRANSFORMER>						L1843	1-459-104-00	COIL, WITH CORE			
T801	1-437-090-00	HDT		L1852	1-459-390-00	COIL (WITH CORE)					
T803	1-426-897-11	TRANSFORMER, FERRITE (PMT)		<IC LINK>							
T804	1-426-939-11	HLT		PS1851A1-532-727-91	LINK, IC 0.25A						
T805 $\Delta$	8-598-943-00	TRANSFORMER ASSY, FLYBACK(NX-2661/U2B)		PS1852A1-532-727-91	LINK, IC 0.25A						
T806	1-413-059-00	TRANSFORMER, FERRITE (DFT)		*****							
*A-1642-111-A D2 BOARD, COMPLETE						<TRANSISTOR>					
*****						Q1840	8-729-920-74	TRANSISTOR 2SC2412K-QR			
<CAPACITOR>						Q1841	8-729-017-06	TRANSISTOR 2SC4793			
C1841	1-130-481-00	FILM	0.0068MF 5% 50V	Q1851	8-729-920-74	TRANSISTOR 2SC2412K-QR					
C1844	1-106-367-00	MYLAR	0.01MF 10% 400V	Q1854	8-729-216-22	TRANSISTOR 2SA1162-G					
C1845	1-106-220-00	MYLAR	0.1MF 10% 100V	Q1855	8-729-920-74	TRANSISTOR 2SC2412K-QR					
C1851	1-124-910-11	ELECT	47MF 20% 50V	Q1856	8-729-017-05	TRANSISTOR 2SA1837					
C1852	1-124-910-11	ELECT	47MF 20% 50V	Q1857	8-729-017-05	TRANSISTOR 2SA1837					
C1853	1-124-907-11	ELECT	10MF 20% 50V	4-382-854-11	SCREW (M3X10), P, SW (+); Q1857						
C1854	1-124-910-11	ELECT	47MF 20% 50V	Q1858	8-729-017-06	TRANSISTOR 2SC4793					
C1855	1-164-232-11	CERAMIC CHIP	0.01MF 10% 50V	4-382-854-11	SCREW (M3X10), P, SW (+); Q1857						
				Q1859	8-729-216-22	TRANSISTOR 2SA1162-G					

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E2

(KV-S2941B)

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
Q1860	8-729-920-74	TRANSISTOR 2SC2412K-QR		C15	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V
Q1861	8-729-017-06	TRANSISTOR 2SC4793		C16	1-124-907-11	ELECT 10MF	20% 50V
		<RESISTOR>		C17	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V
R1841	1-216-085-00	METAL GLAZE 33K	5% 1/10W	C18	1-163-119-00	CERAMIC CHIP 120PF	5% 50V
R1842	1-260-111-11	CARBON 10K	5% 1/2W				
R1843	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W				
R1844	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W				
R1847	1-249-399-11	CARBON 33	5% 1/4W F				
R1848	1-215-875-11	METAL OXIDE 10K	5% 1W F				
R1849	1-260-111-11	CARBON 10K	5% 1/2W				
R1851	1-216-429-00	METAL OXIDE 270	5% 1W F				
R1852	1-216-089-91	METAL GLAZE 47K	5% 1/10W				
R1853	1-216-684-91	METAL CHIP 24K	0.50% 1/10W				
R1854	1-216-075-00	METAL GLAZE 12K	5% 1/10W				
R1855	1-216-429-00	METAL OXIDE 270	5% 1W F				
R1856	1-216-474-11	METAL OXIDE 82	5% 3W F				
R1861	1-216-073-00	METAL GLAZE 10K	5% 1/10W				
R1862	1-216-045-00	METAL GLAZE 680	5% 1/10W				
R1863	1-216-097-00	METAL GLAZE 100K	5% 1/10W				
R1864	1-215-875-11	METAL OXIDE 10K	5% 1W F				
R1865	1-216-474-11	METAL OXIDE 82	5% 3W F				
R1866	1-216-077-00	METAL GLAZE 15K	5% 1/10W				
R1875	1-216-673-11	METAL CHIP 8.2K	0.50% 1/10W				
R1877	1-216-093-00	METAL GLAZE 68K	5% 1/10W				
R1878	1-260-092-11	CARBON 270	5% 1/2W				
R1881	1-260-092-11	CARBON 270	5% 1/2W				
R1885	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W				
R1894	1-216-073-00	METAL GLAZE 10K	5% 1/10W				
R1895	1-216-097-00	METAL GLAZE 100K	5% 1/10W				
R1896	1-215-867-00	METAL OXIDE 470	5% 1W F				
R1898	1-216-013-00	METAL GLAZE 33	5% 1/10W				
R1899	1-216-013-00	METAL GLAZE 33	5% 1/10W				
		<VARIABLE RESISTOR>		L1	1-408-421-00	INDUCTOR	100UH
RV1851	1-241-765-11	RES, ADJ, CERMET 22K		L2	1-404-554-11	COIL	
RV1853	1-241-628-11	RES, ADJ, CARBON 2.2K		L3	1-404-554-11	COIL	
		<TRANSFORMER>					
T1851	1-423-786-11	TRANSFORMER, FERRITE (VPOT)		Q2	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q3	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q4	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q5	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
		*****					
		*A-1642-126-A E2 BOARD, COMPLETE (KV-S2941B)					
		*****					
		<CAPACITOR>					
C1	1-126-103-11	ELECT 470MF	20% 16V	R2	1-216-041-00	METAL GLAZE 470	5% 1/10W
C2	1-163-031-11	CERAMIC CHIP 0.01MF	50V	R3	1-216-041-00	METAL GLAZE 470	5% 1/10W
C3	1-163-031-11	CERAMIC CHIP 0.01MF	50V	R4	1-216-001-00	METAL GLAZE 10	5% 1/10W
C4	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V	R5	1-216-033-00	METAL GLAZE 220	5% 1/10W
C5	1-163-237-11	CERAMIC CHIP 27PF	5% 50V	R6	1-216-073-00	METAL GLAZE 10K	5% 1/10W
C6	1-163-237-11	CERAMIC CHIP 27PF	5% 50V	R7	1-216-051-00	METAL GLAZE 1.2K	5% 1/10W
C7	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	R8	1-216-063-00	METAL GLAZE 3.9K	5% 1/10W
C8	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	R9	1-216-045-00	METAL GLAZE 680	5% 1/10W
C9	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	R10	1-216-049-00	METAL GLAZE 1K	5% 1/10W
C10	1-163-123-00	CERAMIC CHIP 180PF	5% 50V	R11	1-216-049-00	METAL GLAZE 1K	5% 1/10W
C11	1-163-105-00	CERAMIC CHIP 33PF	5% 50V	R12	1-216-049-00	METAL GLAZE 1K	5% 1/10W
C12	1-163-121-00	CERAMIC CHIP 150PF	5% 50V	R13	1-216-089-91	METAL GLAZE 47K	5% 1/10W
C13	1-163-133-00	CERAMIC CHIP 470PF	5% 50V	R14	1-216-073-00	METAL GLAZE 10K	5% 1/10W
C14	1-124-903-11	ELECT 1MF	20% 50V	R15	1-216-037-00	METAL GLAZE 330	5% 1/10W
				R16	1-216-055-00	METAL GLAZE 1.8K	5% 1/10W
				R17	1-216-055-00	METAL GLAZE 1.8K	5% 1/10W
				R18	1-216-037-00	METAL GLAZE 330	5% 1/10W
				R19	1-216-049-00	METAL GLAZE 1K	5% 1/10W
				R20	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W



REF. NO.	PART NO.	DESCRIPTION				REMARK	REF. NO.	PART NO.	DESCRIPTION				REMARK
<COIL>													
L081	1-408-409-00	INDUCTOR	10UH				C426	1-124-477-11	ELECT	47MF	20%	16V	
L082	1-408-409-00	INDUCTOR	10UH				C427	1-164-346-11	CERAMIC CHIP	1MF		16V	
<RESISTOR>													
R081	1-216-073-00	METAL GLAZE	10K	5%	1/10W		C428	1-164-346-11	CERAMIC CHIP	1MF		16V	
R082	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		C429	1-124-119-00	ELECT	330MF	20%	16V	
R083	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W		C901	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V	
R084	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W		C902	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V	
R085	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W		C904	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
<SWITCH>													
S081	1-571-532-21	SWITCH, TACTIL					C905	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
S082	1-571-532-21	SWITCH, TACTIL					C906	1-101-004-00	CERAMIC	0.01MF		50V	
S083	1-571-532-21	SWITCH, TACTIL					C907	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
*****													
*A-1646-056-A H2 BOARD, COMPRETE							C908	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
*****													
*4-374-987-01	GUIDE, LIGHT						C909	1-101-004-00	CERAMIC	0.01MF		50V	
4-381-686-01	BRACKET (B), LIGHT GUIDE						C910	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	
<CONNECTOR>													
CN1132	1-564-511-11	PLUG, CONNECTOR 8P					C911	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	
<DIODE>							C912	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
D092	8-719-948-31	DIODE LD-201VR					C913	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
*4-201-076-01	HOLDER, LED; D092						C914	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
D093	8-719-948-31	DIODE LD-201VR					C915	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	
D094	8-719-948-31	DIODE LD-201VR					C916	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V	
<IC>													
IC091	8-741-101-75	IC SBX1610-11					C917	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V	
<RESISTOR>							C918	1-163-121-00	CERAMIC CHIP	150PF	5%	50V	
R091	1-216-190-00	METAL GLAZE	470	5%	1/8W		C919	1-163-121-00	CERAMIC CHIP	150PF	5%	50V	
*****													
*A-1651-060-A J BOARD, COMPLETE							C920	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V	
*****							C921	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V	
<CAPACITOR>							C922	1-124-477-11	ELECT	47MF	20%	16V	
C270	1-163-063-00	CERAMIC CHIP	0.022MF				C923	1-164-346-11	CERAMIC CHIP	1MF		16V	
C271	1-163-063-00	CERAMIC CHIP	0.022MF				C924	1-124-477-11	ELECT	47MF	20%	16V	
C295	1-163-009-11	CERAMIC CHIP	0.001MF	10%			C925	1-164-346-11	CERAMIC CHIP	1MF		16V	
C296	1-163-009-11	CERAMIC CHIP	0.001MF	10%			C926	1-164-346-11	CERAMIC CHIP	1MF		16V	
C298	1-101-005-00	CERAMIC	0.022MF				C927	1-124-477-11	ELECT	47MF	20%	16V	
C401	1-164-005-11	CERAMIC CHIP	0.47MF				C928	1-163-109-00	CERAMIC CHIP	47PF	5%	50V	
C402	1-126-101-11	ELECT	100MF	20%			C929	1-124-477-11	ELECT	47MF	20%	16V	
C403	1-164-005-11	CERAMIC CHIP	0.47MF				C930	1-164-346-11	CERAMIC CHIP	1MF		16V	
C410	1-124-917-11	ELECT	33MF	20%			C931	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C421	1-124-910-11	ELECT	47MF	20%			C932	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C422	1-124-910-11	ELECT	47MF	20%			C933	1-124-477-11	ELECT	47MF	20%	16V	
C423	1-163-031-11	CERAMIC CHIP	0.01MF				C934	1-163-109-00	CERAMIC CHIP	47PF	5%	50V	
C424	1-163-129-00	CERAMIC CHIP	330PF	5%			C935	1-124-477-11	ELECT	47MF	20%	16V	
C425	1-163-129-00	CERAMIC CHIP	330PF	5%			C936	1-164-346-11	CERAMIC CHIP	1MF		16V	
*****							C937	1-164-346-11	CERAMIC CHIP	1MF		16V	
*****							C938	1-124-477-11	ELECT	47MF	20%	16V	
C1301							C1302	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1302							C1303	1-126-101-11	ELECT	100MF	20%	16V	
C1303							C1304	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1304							C1305	1-163-105-00	CERAMIC CHIP	33PF	5%	50V	
C1305							C1306	1-163-109-00	CERAMIC CHIP	47PF	5%	50V	
C1306							C1307	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1307							C1308	1-163-101-00	CERAMIC CHIP	22PF	5%	50V	
C1308							C1309	1-126-101-11	ELECT	100MF	20%	16V	
C1309							C1310	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1310							C1311	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C1311							C1312	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	
C1312							C1313	1-124-917-11	ELECT	33MF	20%	50V	
C1313							C1314	1-124-910-11	ELECT	47MF	20%	16V	
C1314							C1315	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1315							C1316	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V	
C1316							C1317	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1317							C1318	1-124-910-11	ELECT	47MF	20%	16V	
C1318							C1319	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1319							C1320	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V	
C1320							C1321	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1321							C1322	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1322							C1323	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1323							C1324	1-126-101-11	ELECT	100MF	20%	16V	
C1324							C1325	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1325							C1326	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1326							C1327	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1327							C1328	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C1328							C1329	1-163-038-00	CERAMIC CHIP	0.1MF	10%	25V	

# J

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1330	1-163-038-00	CERAMIC CHIP 0.1MF	25V				
C1331	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V		<IC>	
C1332	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V			
C1333	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	IC401	8-752-067-28 IC CXA1545AS	
C1336	1-163-249-11	CERAMIC CHIP 82PF	5%	50V	IC402	8-759-073-00 IC TEA2114	
C1337	1-163-257-11	CERAMIC CHIP 180PF	5%	50V	IC1301	8-752-357-88 IC CXD2024Q-TL	
C1338	1-163-227-11	CERAMIC CHIP 10PF	0.5PF	50V			
C1339	1-163-227-11	CERAMIC CHIP 10PF	0.5PF	50V		<JACK>	
C1340	1-124-910-11	ELECT 47MF	20%	50V	J901	1-695-296-11 TERMINAL BLOCK, S	
C1344	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	J903	1-695-550-11 SOCKET 21P	
C1408	1-163-101-00	CERAMIC CHIP 22PF	5%	50V	J904	1-695-296-11 TERMINAL BLOCK, S	
					J905	1-695-293-11 SOCKET 21P	
					J906	1-695-296-11 TERMINAL BLOCK, S	
					J907	1-695-293-11 SOCKET 21P	
<CONNECTOR>							
CN1208*1-564-525-11	PLUG, CONNECTOR 10P						
CN1209	1-695-301-11	CONNECTOR, BOARD TO BOARD 40P					
CN1210*1-564-522-11	PLUG, CONNECTOR 7P						
CN1233*1-564-518-11	PLUG, CONNECTOR 3P						
<DIODE>							
D401	8-719-921-69	DIODE NTZJ-9.1			JR291	1-216-295-00 METAL GLAZE 0	5% 1/10W
D403	8-719-921-69	DIODE NTZJ-9.1			JR292	1-216-295-00 METAL GLAZE 0	5% 1/10W
D405	8-719-921-69	DIODE NTZJ-9.1			JR293	1-216-295-00 METAL GLAZE 0	5% 1/10W
D406	8-719-921-69	DIODE NTZJ-9.1			JR401	1-216-295-00 METAL GLAZE 0	5% 1/10W
D407	8-719-921-69	DIODE NTZJ-9.1			JR402	1-216-295-00 METAL GLAZE 0	5% 1/10W
D901	8-719-921-69	DIODE NTZJ-9.1			JR403	1-216-295-00 METAL GLAZE 0	5% 1/10W
D902	8-719-921-69	DIODE NTZJ-9.1			JR404	1-216-295-00 METAL GLAZE 0	5% 1/10W
D903	8-719-921-69	DIODE NTZJ-9.1			JR405	1-216-295-00 METAL GLAZE 0	5% 1/10W
D904	8-719-921-69	DIODE NTZJ-9.1			JR406	1-216-295-00 METAL GLAZE 0	5% 1/10W
D905	8-719-921-69	DIODE NTZJ-9.1					
D906	8-719-921-69	DIODE NTZJ-9.1			L291	1-402-711-11 INDUCTOR, WIDEBAND	
D907	8-719-921-69	DIODE NTZJ-9.1			L292	1-402-711-11 INDUCTOR, WIDEBAND	
D908	8-719-921-69	DIODE NTZJ-9.1			L293	1-402-711-11 INDUCTOR, WIDEBAND	
D909	8-719-921-69	DIODE NTZJ-9.1			L1301	1-408-405-00 INDUCTOR 4.7UH	
D910	8-719-921-69	DIODE NTZJ-9.1			L1302	1-408-403-00 INDUCTOR 3.3UH	
D911	8-719-921-69	DIODE NTZJ-9.1			L1303	1-408-405-00 INDUCTOR 4.7UH	
D913	8-719-921-69	DIODE NTZJ-9.1			L1304	1-408-405-00 INDUCTOR 4.7UH	
D914	8-719-921-69	DIODE NTZJ-9.1			L1306	1-408-405-00 INDUCTOR 4.7UH	
D915	8-719-921-69	DIODE NTZJ-9.1			L1307	1-410-431-11 INDUCTOR 100UH	
D916	8-719-921-69	DIODE NTZJ-9.1			L1308	1-410-428-21 INDUCTOR 56UH	
D917	8-719-921-69	DIODE NTZJ-9.1					
D919	8-719-921-69	DIODE NTZJ-9.1					
D920	8-719-921-69	DIODE NTZJ-9.1					
D921	8-719-921-69	DIODE NTZJ-9.1					
D922	8-719-921-69	DIODE NTZJ-9.1					
D923	8-719-921-69	DIODE NTZJ-9.1					
D924	8-719-921-69	DIODE NTZJ-9.1					
D925	8-719-921-69	DIODE NTZJ-9.1					
D926	8-719-921-69	DIODE NTZJ-9.1					
D927	8-719-921-69	DIODE NTZJ-9.1					
D928	8-719-921-69	DIODE NTZJ-9.1					
D930	8-719-921-69	DIODE NTZJ-9.1					
D931	8-719-921-69	DIODE NTZJ-9.1					
D932	8-719-921-69	DIODE NTZJ-9.1					
D1301	8-719-914-43	DIODE DAN202K					
<FILTER>							
FL1301	1-236-620-11	FILTER, LOW PASS			Q1313	8-729-920-74 TRANSISTOR 2SC2412K-QR	
FL1302	1-236-620-11	FILTER, LOW PASS			Q1314	8-729-216-22 TRANSISTOR 2SA1162-G	
FL1303	0-552-483-00	BPF			Q1315	8-729-216-22 TRANSISTOR 2SA1162-G	
FL1303	1-239-930-11	FILTER, BAND PASS					
FL1304	1-236-164-11	ENCAPSULATED COMPONENT					
<RESISTOR>							
R291	1-216-190-00	METAL GLAZE	470	5%			1/8W

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R292	1-216-190-00	METAL GLAZE	470 5% 1/8W	R938	1-216-039-00	METAL GLAZE	390 5% 1/10W
R297	1-216-296-91	METAL GLAZE	0 5% 1/8W	R939	1-216-039-00	METAL GLAZE	390 5% 1/10W
R298	1-216-296-91	METAL GLAZE	0 5% 1/8W	R940	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W
R402	1-216-158-00	METAL GLAZE	22 5% 1/8W	R941	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R403	1-216-025-00	METAL GLAZE	100 5% 1/10W	R942	1-216-039-00	METAL GLAZE	390 5% 1/10W
R404	1-216-158-00	METAL GLAZE	22 5% 1/8W	R943	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R405	1-216-025-00	METAL GLAZE	100 5% 1/10W	R944	1-216-039-00	METAL GLAZE	390 5% 1/10W
R406	1-216-158-00	METAL GLAZE	22 5% 1/8W	R945	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R407	1-216-025-00	METAL GLAZE	100 5% 1/10W	R946	1-216-022-00	METAL GLAZE	75 5% 1/10W
R410	1-216-025-00	METAL GLAZE	100 5% 1/10W	R948	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R411	1-216-025-00	METAL GLAZE	100 5% 1/10W	R949	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R412	1-216-022-00	METAL GLAZE	75 5% 1/10W	R950	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W
R413	1-216-022-00	METAL GLAZE	75 5% 1/10W	R951	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W
R414	1-216-022-00	METAL GLAZE	75 5% 1/10W	R952	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R416	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R953	1-216-039-00	METAL GLAZE	390 5% 1/10W
R417	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W	R954	1-216-039-00	METAL GLAZE	390 5% 1/10W
R419	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R955	1-216-039-00	METAL GLAZE	390 5% 1/10W
R420	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W	R956	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R421	1-216-171-00	METAL GLAZE	75 5% 1/8W	R957	1-216-039-00	METAL GLAZE	390 5% 1/10W
R422	1-216-093-00	METAL GLAZE	68K 5% 1/10W	R958	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R423	1-216-015-00	METAL GLAZE	39 5% 1/10W	R959	1-216-674-11	METAL CHIP	9.1K 0.50% 1/10W
R424	1-216-025-00	METAL GLAZE	100 5% 1/10W	R960	1-216-674-11	METAL CHIP	9.1K 0.50% 1/10W
R425	1-216-025-00	METAL GLAZE	100 5% 1/10W	R961	1-216-674-11	METAL CHIP	9.1K 0.50% 1/10W
R428	1-249-393-11	CARBON	10 5% 1/4W F	R967	1-216-171-00	METAL GLAZE	75 5% 1/8W
R429	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R968	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R130	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R969	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R431	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R970	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R432	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R971	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R433	1-216-296-91	METAL GLAZE	0 5% 1/8W	R972	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R901	1-216-039-00	METAL GLAZE	390 5% 1/10W	R973	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R902	1-216-039-00	METAL GLAZE	390 5% 1/10W	R974	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R903	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R975	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R904	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R976	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R905	1-216-039-00	METAL GLAZE	390 5% 1/10W	R977	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R906	1-216-039-00	METAL GLAZE	390 5% 1/10W	R1301	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R907	1-216-171-00	METAL GLAZE	75 5% 1/8W	R1302	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W
R908	1-216-171-00	METAL GLAZE	75 5% 1/8W	R1303	1-216-043-00	METAL GLAZE	560 5% 1/10W
R909	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R1304	1-216-043-00	METAL GLAZE	560 5% 1/10W
R910	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W	R1305	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
R911	1-216-022-00	METAL GLAZE	75 5% 1/10W	R1306	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R913	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1307	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R914	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1308	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R915	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R1309	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R916	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R1310	1-216-295-00	METAL GLAZE	0 5% 1/10W
R917	1-216-171-00	METAL GLAZE	75 5% 1/8W	R1311	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R919	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1312	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W
R920	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1313	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R921	1-216-022-00	METAL GLAZE	75 5% 1/10W	R1314	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R922	1-216-222-00	METAL GLAZE	10K 5% 1/8W	R1315	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R923	1-216-039-00	METAL GLAZE	390 5% 1/10W	R1316	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W
R924	1-216-039-00	METAL GLAZE	390 5% 1/10W	R1317	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R925	1-216-089-91	METAL GLAZE	47K 5% 1/10W	R1318	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W
R926	1-216-039-00	METAL GLAZE	390 5% 1/10W	R1319	1-216-043-00	METAL GLAZE	560 5% 1/10W
R927	1-216-039-00	METAL GLAZE	390 5% 1/10W	R1320	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
R928	1-216-089-91	METAL GLAZE	47K 5% 1/10W	R1321	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R929	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1322	1-216-025-00	METAL GLAZE	100 5% 1/10W
R930	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R1324	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R931	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1325	1-216-043-00	METAL GLAZE	560 5% 1/10W
R932	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R1326	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
R933	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1327	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R934	1-216-063-00	METAL GLAZE	3.9K 5% 1/10W	R1328	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R935	1-216-022-00	METAL GLAZE	75 5% 1/10W	R1329	1-216-049-00	METAL GLAZE	1K 5% 1/10W
R936	1-216-171-00	METAL GLAZE	75 5% 1/8W	R1330	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W
R937	1-216-113-00	METAL GLAZE	470K 5% 1/10W				

shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

Tous composants identifiés par une trame et une marque  $\Delta$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R1332	1-216-653-11	METAL CHIP	1.2K 0.50% 1/10W			REMOTE COMMANDER	
R1333	1-216-666-11	METAL CHIP	4.3K 0.50% 1/10W				
R1334	1-216-636-11	METAL CHIP	240 0.50% 1/10W				
R1335	1-216-637-11	METAL CHIP	270 0.50% 1/10W		1-466-854-41	REMOTE COMMANDER (RM-860)	
R1336	1-216-657-11	METAL CHIP	1.8K 0.50% 1/10W		9-903-664-01	POCKET, COVER	
R1337	1-216-663-11	METAL CHIP	3.3K 0.50% 1/10W		1-467-272-21	COMMANDER (STANDARD TYPE) (RM-831)	
R1338	1-216-657-11	METAL CHIP	1.8K 0.50% 1/10W		9-903-466-01	POCKET, COVER	
R1339	1-216-295-00	METAL GLAZE	0 5% 1/10W				
R1342	1-216-295-00	METAL GLAZE	0 5% 1/10W				
R1344	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W				
R1345	1-216-045-00	METAL GLAZE	680 5% 1/10W				
R1346	1-216-039-00	METAL GLAZE	390 5% 1/10W				
R1347	1-216-041-00	METAL GLAZE	470 5% 1/10W				
R1349	1-216-041-00	METAL GLAZE	470 5% 1/10W				
R1350	1-216-081-00	METAL GLAZE	22K 5% 1/10W				
R1351	1-216-073-00	METAL GLAZE	10K 5% 1/10W				
R1352	1-216-295-00	METAL GLAZE	0 5% 1/10W				
R1353	1-216-037-00	METAL GLAZE	330 5% 1/10W				
R1354	1-216-031-00	METAL GLAZE	180 5% 1/10W				
R1355	1-216-043-00	METAL GLAZE	560 5% 1/10W				
R1356	1-216-049-00	METAL GLAZE	1K 5% 1/10W				
R1357	1-216-033-00	METAL GLAZE	220 5% 1/10W				
R1358	1-216-033-00	METAL GLAZE	220 5% 1/10W				
R1359	1-216-043-00	METAL GLAZE	560 5% 1/10W				

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#### MISCELLANEOUS

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- $\Delta$  1-406-807-11 COIL, DEMAGNETIZATION
- $\Delta$  1-452-509-12 NECK ASSY, PICTURE TUBE (NA-308)
- 1-504-121-21 SPEAKER (SQUAWKER) (5CM)
- 1-504-145-11 SPEAKER (12CM)
- $\Delta$  1-751-680-11 CORD, POWER(WITH NOISE FILTER) 2.5A/250V (KV-S2941A,S2941B,S2941D,S2943E,S2941K)
- $\Delta$  1-590-762-11 CORD, POWER(WITH PLUG) 2.5A/250V (KV-S2942U)

$\Delta$  8-451-444-11 DEFLECTION YOKE Y29GXC (MTY)  
V901  $\Delta$  8-733-841-05 PICTURE TUBE 29GX (M68KZT10X)

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#### ACCESSORIES AND PACKING MATERIALS

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- \*4-039-906-01 BAG, PROTECTION
- \*4-202-105-01 CUSHION (LOWER) (ASSY)
- \*4-202-106-01 CUSHION (UPPER) (ASSY)
- \*4-202-117-01 INDIVIDUAL CARTON
- 4-202-137-01 DOOR, REAR
- 4-202-615-11 BROAD SHEET, SERVICE
- 4-202-687-41 MANUAL, INSTRUCTION (KV-S2941A)
- 4-202-687-51 MANUAL, INSTRUCTION (KV-S2941B)
- 4-202-687-11 MANUAL, INSTRUCTION (KV-S2941D)
- 4-202-687-81 MANUAL, INSTRUCTION (KV-S2943E)
- 4-202-687-91 MANUAL, INSTRUCTION (KV-S2941K)
- 4-202-687-61 MANUAL, INSTRUCTION (KV-S2942U)